**Regulatory Bulletin 299** 

# COMMERCIAL FEEDS IN KENTUCKY, 2005

REGULATORY SERVICES





#### KENTUCKY COMMERCIAL FEED LAW

KRS 250.491 TO 250.631

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#### Introduction

The first Kentucky feed law was enacted in 1906 to provide protection for the state's livestock and poultry producers. Periodic revisions have continued to carry out this overall objective of consumer protection with the incorporation of legal requirements that responded to advances in livestock feeding practices and feed manufacturing technology.

To ensure the safe and effective use of drugs in livestock feeds, the feed law was revised to include authority to inspect mills for compliance with good manufacturing practices (GMP's) for medicated feed and require that drug and feed additive usage conform with Food & Drug Administration (FDA) approvals. Provisions are included to protect against the distribution of feeds adulterated with poisonous or deleterious substances.

A major aspect of feed regulation is the prevention of unsafe residues in human food that may result from misused or contaminated feed. The feed law further protects the feed industry from unscrupulous competition. Functions of the feed law are to inform and protect the feed purchaser, provide an atmosphere for fair and equitable competition, and assist in assuring the safety of animal and human food.

The commercial feed law regulates materials offered for sale as feed or for mixing in feed with the exemption of whole and unprocessed grain, raw meat, hay, straw, stover, silage, cobs, husks, and hulls when unground and not mixed with other materials. Typical products regulated include pet foods, complete and concentrate feeds for livestock and poultry, soybean meal and other feed ingredients, drug premixes, vitamin and mineral supplements, liquid feed, and protein blocks.

Registration of each commercial feed is required before distribution to ensure that required label information is provided the purchaser. This involves the annual review of approximately 10,000 labels to evaluate the guaranteed analysis, ingredient statement, and feeding directions. Medicated feeds are reviewed for approved drug usage, statement of drug purpose, and any required warning, caution, or special feeding instructions. Misleading and unsubstantiated information is prohibited.

Approximately 15,000 different commercial feeds are registered for distribution by 915 feed companies. Kentucky has approximately 260 facilities that manufacture livestock feed or pet food, produce a feed ingredient, or distribute their own private label product.

#### **Inspection and Sampling**

Regulatory inspectors conducted approximately 2,100 inspections of feed manufacturers and retailers of bagged and bulk feed to monitor the distribution of two million tons of commercial feed. Official samples were collected of 3,935 feeds from over 500 retail and manufacturing facilities to determine compliance with label guarantees. Sixty percent of the samples were obtained at the dealer, 37% at the manufacturing site and 3% at other locations. Nineteen thousand tons were sampled. Sixty-five percent of the samples represented bagged feed, 21% bulk feed, 0.1% liquid feed, 2.1% blocks, and 11.8% other.

Samples were collected from 61 different types of commercial feed including complete feeds, supplements, premixes, ingredients and pet foods. Samples collected represented 159 poultry, 389 beef, 193 dairy, 166 swine, 14 sheep, 44 rabbit, 86 calf and 225 horse complete and supplement feeds; 77 specialty horse, 72 goat, 34 scratch & 61 gamebird, 13 aquaculture, and 75 blocks, 319 mineral feeds, 45 drug premixes, 12 vitamins, 9 microbial and 233 miscellaneous complete and supplement feeds. The inspection of feed ingredients included the sampling

of 5 alfalfa products, 5 barley products, 37 animal products, 179 corn products, 32 cottonseed products, 85 distillers products, 19 mineral ingredients, 10 molasses products, 13 oat products, 249 soybean products, 5 rice products, 31 wheat products, and 35 other ingredients.

A customer-formula feed is manufactured to the specifications of the final purchaser. Labeling requires the invoice to list the pounds of each ingredient in the batch and, if a drug is used, the purpose of the drug, drug level in the feed, feeding directions and any required warning or caution statements. The lab evaluated 216 samples to monitor customer-formula feed production. Some of the samples are reviewed by the feed microscopist to verify the list of ingredients. Testing for expected nutrient and drug content is conducted to assure the feeds are manufactured to the purchaser's specifications.

The inspection of pet foods continues as a vital component of the feed regulatory program. Samples were collected from 205 dry, 1 soft-moist and 94 canned dog foods; 63 dry, and 73 canned cat foods; 113 specialty dog and cat products; 38 specialty pet products; 25 aquarium fish foods; 80 specialty bird feeds; and 5 wild bird feed. Labeling for dog and cat foods must include a nutritional adequacy statement to indicate if the product is complete for maintenance or all life stages. The AAFCO Dog and Cat Nutrient Profiles for maintenance and growth are utilized to evaluate adequacy for the life stage claimed. If a guarantee was not stated for calcium, phosphorus, salt, copper, iron, magnesium, manganese, potassium and zinc, then the appropriate AAFCO Dog or Cat Nutrient Profile was utilized for dry, canned and soft-moist products. This extensive testing substantially increases consumer assurance that pet foods being marketed are nutritionally adequate.

#### **Feed Mill Inspections**

The medicated feed program for the United States currently places feed mills into one of two classifications. One classification is for mills that mix Category II Type A medicated feed articles. To purchase these drug sources a mill must be licensed with FDA. The second classification is for mills that mix drugs commonly referred to as exempt. Purchase of these drugs do not require a FDA license. Most mills mix only exempt drugs. All mills must comply with good manufacturing practice regulations. Non-licensed mills are subject to less stringent regulations. Eight inspections of licensed mills were conducted as part of a national program by FDA and other participating state feed control agencies. These inspections are to ensure that drugs mixed in feed are safe and effective for livestock and poultry. Additionally, the regulations play a major public health role in helping to maintain the wholesomeness and safety of the food we consume.

#### **BSE Rule Inspections**

The Division participated in a national program conducted by FDA to ensure compliance with the BSE Rule. These regulations are designed to prevent the establishment and amplification of Bovine Spongiform Encephalopathy (BSE), sometimes referred to as "Mad Cow Disease," through animal feed. The regulation prohibits the feeding to ruminants certain proteins derived from mammalian tissue. Meat and bone meal containing rendered cattle tissue is a prohibited protein. Mills that receive prohibited materials must utilize adequate procedures to prevent their use in ruminant feeds. Prohibited materials are approved for use in non-ruminant feeds such as swine and poultry. Feeds that may contain prohibited material must bear the cautionary statement **"Do not feed to cattle or other ruminants."** The Division conducted 30 BSE Rule inspections under contract with FDA for the 2005-2006 fiscal year. All Kentucky feed mills and renderers have had at least an initial inspection and re-inspection by either our Division or FDA since 1998. All facilities that process feed containing prohibited protein are inspected on an annual basis.

#### **Food Safety**

Feed contamination concerns feed manufacturers and regulatory officials due to its potential impact on the state's livestock industry and possible carryover to human food. Prevention is the ultimate goal and a rapid response to contain a problem can prevent it from becoming a major disaster. Feed industry personnel involved in receiving, manufacturing, and distribution are the first line of defense. Unusual occurrences such as feeds or ingredients with abnormal appearance, odor, or foreign material; or, reports of multiple livestock deaths or chemical leaks warrant immediate investigation. Regulatory Services inspectors and laboratory staff are available to assist with the investigation of suspected problems. GMP and BSE Rule inspections, label review, feed microscopy, drug and mycotoxin testing, and other feed control activities contribute significantly to the nationwide effort to maintain a safe food supply for consumers of meat, milk, and eggs.

#### Financial

The feed regulatory program is supported by inspection fees paid on commercial livestock feeds and pet foods sold in Kentucky. A fee of thirty-five cents per ton is paid on branded complete feeds and supplements, non-exempt ingredients and grain sold and mixed in custom mix feeds. A five-cent per ton fee is applicable to distillers by-products containing more than 75% moisture and brewers wet grains and whey distributed without further processing for consumption by the purchaser's livestock. An exemption is provided for ingredients used to manufacture registered feeds and farmer-owned grain mixed in custom mix feeds. The annual inspection fee for a product sold exclusively in a package weight of 10 pounds or less is \$50 per product. During 2005 fiscal year, the auditor and data processing personnel assisted firms to assure accurate reporting and payment of inspection fees of \$995,408.

#### 2005 Highlights

**Testing**—Laboratory testing was conducted for over 50 different nutrients and components to provide the broad analytical support required to test feeds for their principal constituents. The laboratory reported results including testing for crude protein, crude fat, crude fiber, acid detergent fiber, lysine, non-protein nitrogen, twenty different drugs and antibiotics, vitamin A, thirteen macro and trace minerals, aflatoxin, vomitoxin and fumonisin. The feed laboratory provides accurate feed analyses that are essential for feed regulation.

**Product Suitability**—In 2005, feed samples were tested and the findings evaluated to ensure their nutrient content was suitable based on the intended use of the feed. National Research Council Nutrient Recommendations, University of Kentucky scientists, and normal industry practice are utilized to evaluate and assist feed manufacturers to assure their feeds are nutritionally suitable for their intended purpose.

A feed is deemed adulterated if its labeling would deceive or mislead the purchaser with respect to its composition or suitability. This unique aspect of testing and evaluation of nutrient for suitability significantly enhances the consumer protection provided the purchaser of commercial feed. Testing also provides verification that supplemental nutrient sources listed as ingredients are present in the feed.

**Feed Labeling**—The feed label is the fundamental basis for providing consumer information and protection, equitable competition and regulation. Effective feed labeling is essential to accomplish these objectives. Regulatory efforts continue to assist manufacturers to provide informative labeling that promotes the safety and usefulness of feeds for livestock production.

A calculation program is available to assist local feed mills to determine the nutrient levels in their feeds. This information is helpful in establishing label guarantees and evaluating nutritional suitability. Example labels are provided in a Microsoft Word file that the local mill can easily edit to generate a label for their feed. The feed manufacturer has the responsibility for the label information and feed quality. These aids and the assistance provided by the area Regulatory Inspectors has resulted in more accurate, informative, professional and uniform labeling throughout the state. We believe this process strengthened our excellent working relationship with the regulated industry and has achieved a level of labeling compliance previously unattainable.

**Product Registration**—The Kentucky Commercial Feed Law provides that qualified firms may be granted an exemption from the registration of each feed prior to distribution. Currently, 19 firms have received an exemption based on their demonstrated ability to label feeds in conformance with labeling requirements.

#### **Mycotoxin Testing**

The Division of Regulatory Services continues its efforts to monitor feeds for mold toxins. Testing is available for aflatoxin, fumonisin and vomitoxin. The following data were obtained during 2005:

**Aflatoxin**—A total of 259 samples were tested. The action level established by FDA for human food, dairy feed and feed for immature animals and poultry is 20 ppb. FDA has established higher aflatoxin limits for corn and peanut products of 100 ppb when fed to mature poultry and breeding cattle and swine, and 200 ppb for finishing swine and 300 ppb for finishing beef. Testing indicated no general aflatoxin problem based on the low occurrence rate.

**Fumonisin**—This recently identified mycotoxin is known to produce equine leukoencephalomalcia in horses. FDA has established a maximum fumonisin guideline of 1 ppm in horse feed, 10 ppm in swine feed, and 30 ppm in slaughter ruminant rations and 15 ppm in rations for lactating and breeding beef and dairy cattle. In 2005, Regulatory Services tested 235 samples for fumonisin using an Elisa quantitative quick test with a detection sensitivity of 0.5 ppm. Our testing program places considerable emphasis on monitoring horse feeds with most samples being tested for fumonisin. The American Association of Veterinary Laboratory Diagnosticians has recommended not to feed corn screenings to horses. As a further precaution, it may be appropriate to exclude or limit corn milling by-products in horse feeds. The potential for fumonisin toxicity continues to suggest caution for manufacturers of horse feed.

**Vomitoxin**—This toxin is often associated with feed refusal of swine feeds containing wheat. Seventeen samples were tested for vomitoxin. Testing found no samples to exceed the FDA guideline of 5 ppm for swine feed.

The data presented in this publication were compiled from analyses of official samples taken in 2005. The information is intended to acquaint you with activities of the feed control program and advise the feed purchaser of the performance of feed manufacturers distributing feed in Kentucky.

	Complete			Supplement		
Туре	2005	2004	2003	2005	2004	2003
			Ton	s		
Chicken Starter Grower	5,620	1,828	2,305	950	605	462
Chicken Broiler Feed	4,586	2,669	6,206	24	677	
Chicken Layer Breeder	19,027	9,977	12,990	176	2,530	187
Turkey Feed	1,179	617	702	119	11	14
Beef Feed	186,451	85,692	85,142	35,064	36,054	40,982
Dairy Feed	138,436	142,304	142,952	36,744	42,231	52,435
Swine Feed	8,441	12,234	21,161	8,091	7,366	9,269
Sheep Feed	3,854	2,405	1,957	399	368	317
Calf Feed	13,431	8,964	9,824			
Horse Feed	99,634	83,953	86,543			
Pet Food (Dry)	222,139	76,193	136,360			
Fish Feed	2,203	2,426	3,295			
Rabbit Feed	4,184	2,443	3,131			
Scratch Feed	4,587	2,855	3,072			
Other	133,914	63,798	41,847			
Dried Molasses				842	1,302	1,192
Drug Premixes				1,351	1,010	1,640
Liquid Feed				20,176	33,532	26,398
Microbial Products				19	10	62
Mineral Feed				31,573	22,633	25,568
Vitamin Premix				1,111	1,311	1,254
Total	847,686	498,358	556,154	136,639	149,640	159,780

#### TABLE 1. Registered Feed Distribution in Kentucky During the Last Three Years

#### TABLE 2. Custom Mix Feed Production in Kentucky

	2005	2004	2003
Total Tons Custom Mix Production	360,435	254,393	293,684
Total Tons Grains Sold & Mixed	141,538	91,629	98,343

	Inspection Fee Status					
	Exempt			1	:	
Ingredient	2005	2004	2003	2005	2004	2003
			Το	ons		
Alfalfa Products	2,446	1,797	1,036	566	961	1,634
Animal Products	16,237	12,611	11,684	74,490	86,668	72,139
Barley Products	345	154	94	992	1,572	971
Beet Products	563	643	491	48,967	48,770	681
Brewers Dried Products	266	6	70	5,017	626	4,854
Brewers Wet Grains*				5,518	8,705	12,602
Citrus Products				331	2	121
Corn Products	8,470	3,667	5,823	143,370	92,795	107,419
Cottonseed Products	11,257	14,004	8,153	14,419	13,572	6,568
Distillers Dried Grain	42,465	45,355	49,091	111,398	71,771	65,713
Distillers Stillage*				291,920	362,182	362,538
Drugs	52	32	54	531	422	253
Fats & Oils	3,531	3,169	2,833	26,988	33,870	23,936
Grain Sorghum	19	7		26	787	78
Linseed & Flax	82		223	425	398	357
Marine Products	445	79	252	71	210	672
Milk Products	2,330	1,610	2,074	54	60	189
Minerals	30,733	24,168	31,228	85,612	60,785	65,097
Molasses Products	21,911	110	6,585	9,956	13,062	14,060
Oat Products	1,811	1,882	1,769	3,593	3,860	3,751
Peanut Products	15		2,794		1,337	248
Rice Products	5,595	7,724	8,220	18,777	22,133	24,413
Rye						5,736
Soybean Products	99,092	81,809	150,354	604,537	429,722	456,994
Urea & Other NPN	439	355	243	632	5,128	684
Vitamins	84	73	112	1,324	1,160	1,427
Wheat Products	92,014	66,523	79,589	19,498	18,937	26,182
Whey (Liquid)*				4,569	6,249	4,553
Other	6,049	3,596	3,013	23,173	13,395	23,897
Total	346,251	269,374	365,785	1,496,754	1,299,139	1,287,767

#### TABLE 3. Ingredient Distribution in Kentucky During the Last Three Years

\*Inspection fee of five cents/ton applicable.

Table 4. Feed Allalysis Co	Number Re	ported
Test	2005	2004
Crude Protein	3,487	3,144
NPN Equiv Protein	164	144
Lysine	364	363
Crude Fat	559	307
Acid Hydrolysis Fat	408	511
Crude Fiber	941	743
Acid Detergent Fiber	399	240
Mycotoxins		
Aflatoxin	259	166
Fumonisin	235	158
Vomitoxin	17	38
Drugs		
Amprolium	0	3
Bacitracin	12	8
Carbadox	0	3
Chlortetracycline	167	118
Lasalocid	0	15
Monensin	56	57
Oxytetracycline	30	22
Tylosin	16	11
Zoalene	0	1
Minerals		
Aluminum	0	2
Calcium	2,867	2,689
Cobalt	346	296
Copper	1,754	1,626
Iron	456	259
Magnesium	1,127	1,127
Manganese	949	980
Molybdenum	0	1
Phosphorus	2,932	2,671
Potassium	1,691	1,469
Salt	2,128	1,919
Sodium	49	72
Zinc	1,832	1,679
Ash	219	212
Vitamins		
Vitamin A	605	545
Biotin	3	6
Miscellaneous		
Ingredient Listing	77	81
L. Acidophilus Bacteria	3	2
Lactic Acid Bacteria	1	3
Yeast Count	4	9
Moisture	959	827
Sugar, Invert	0	4
Net Weight	584	661
Total	25,702	23,192

#### Table 4. Feed Analysis Conducted

#### **Analytical Variation**

When is a sample declared in violation of a label guarantee? This decision is generally made by application of analytical variations (AVs) for the type of analysis conducted. The AVs are guidelines for helping control officials make this routine decision. AVs are allowances for the inherent variability in laboratory analysis. No manufacturing variation is included in the AVs. The AVs are generated from the AAFCO check sample program which has approximately 200 participating laboratories. The Kentucky AVs approximate those developed by AAFCO except for the declaring of excessive trace element levels. In addition to the AV, practical allowances were made for the low concentration of trace elements actually added to provide the minimum guarantee and contribution of naturally present trace elements in mineral ingredients and feedstuffs. The AV is intended to apply to a single determination made under routine laboratory conditions. The Regulatory Services laboratory always retests violative samples before results are reported. A single AV does not fit the full range of nutrient levels that is encountered in products (for example, magnesium in dairy feed at 0.2% and in magnesium oxide at 54%). Judgment is necessary in the review of each sample report. Considerable emphasis is placed on evaluating a manufacturer's overall performance record established during the previous and current year.

The following AVs are employed for tests performed by the Regulatory Services laboratory:

Crude Protein	3%	+ 150%
NPN Equiv. Protein		+ 2 units
Crude Fat	- 2 units	+ 5 units
Crude Fiber		
Calcium	- 2 units	+ 2 units
Phosphorus	- 2 units	+ 2 units
Salt	- 2 units	+ 2 units
Cobalt		
Copper	40%	+ 200%
lodine	40%	+ 200%
Iron	40%	+ 200%
Magnesium		
Manganese	40%	+ 200%
Potassium	30%	
Selenium	40%	+ 140%
Sodium	30%	+ 130%
Zinc	40%	+ 200%
Amprolium	20%	+ 20%
Arsanilic Acid	20%	+ 20%
Bacitracin	40%	+ 40%
Carbadox	20%	+ 20%
Chlortetracycline		
Coumaphos	20%	+ 20%
Decoquinate	20%	+ 20%
Dichlorvos	20%	+ 30%
Hygromycin B	25%	+ 25%

ACADIAN SEAPLANTS LTD, CANADA B3B 1X8 Samples 1 Passed 0 Tests 6 Passed 5 Sampling Emphasis: Misc.	Percent Passed: 0% Violations: 1 Sodium
ACCO FEEDS INC, MINNEAPOLIS, MN Samples 1 Passed 1 Tests 7 Passed 7 Sampling Emphasis: Beef	Percent Passed: 100% Violations: None
ADEPTUS NUTRITION INC, SAN DIEGO, CA Samples 2 Passed 2 Tests 17 Passed 17 Sampling Emphasis: Speciality Horse	Percent Passed: 100% Violations: None
ADI PET INC, RANCHO, CA Samples 1 Passed 1 Tests 5 Passed 5 Sampling Emphasis: Speciality Dog or Ca	Percent Passed: 100% Violations: None t
ADAIRVILLE FEED MILL, ADAIRVILLE, KY Samples 4 Passed 4 Tests 20 Passed 20 Sampling Emphasis: Custom Mix, Minera	Percent Passed: 100% Violations: None , Equine
ADAMS FEED & SUPPLY, BRODHEAD, KY Samples 3 Passed 1 Tests 16 Passed 13 Sampling Emphasis: Poultry, Swine, Corn	Percent Passed: 33% Violations: 2 Protein, 1 Zinc Products
ADM ALLIANCE NUTRITION INC, QUINCY, IL ADM ALLIANCE NUTRITION INC, QUINCY, Samples 73 Passed 70 Tests 491 Passed 488 Sampling Emphasis: Misc. Complete, Bee Cottonseed and Animal Products	IL Percent Passed: 96% Violations: 2 Protein, 1 Vitamin A f, Swine, Dairy, Calf Feed, Mineral, Distillers,Corn,
ADM ALLIANCE NUTRITION, WEST PLAIN: Samples 12 Passed 12 Tests 73 Passed 73 Sampling Emphasis: Equine, Corn Produc	Percent Passed: 100% Violations: None
ADM ALLIANCE NUTRITION, HENDERSON Samples 57 Passed 53 Tests 343 Passed 339 Sampling Emphasis: Beef, Dairy, Misc. Co	, KY Percent Passed: 93% Violations: 4 Protein mplete, Rabbit, Calf Feed, Mineral, Goat, Equine
K-STAR COMMODITIES, GUTHRIE, KY Samples 1 Passed 1 Tests 5 Passed 5 Sampling Emphasis: Dairy	Percent Passed: 100% Violations: None
ADM ALLIANCE NUTRITION, CAMPBELLSV Samples 2 Passed 2 Tests 17 Passed 17 Sampling Emphasis: Custom Mix	/ILLE, KY Percent Passed: 100% Violations: None
ADM ANIMAL HEALTH/NUTRITION, DES MOIl Samples 7 Passed 7 Tests 44 Passed 44 Sampling Emphasis: Mineral, Vitamin Pre	Percent Passed: 100% Violations: None
ADM ANIMAL HEALTH/NUTRITION, EFFINGH. Samples 1 Passed 0 Tests 7 Passed 6 Sampling Emphasis: Swine	AM, IL Percent Passed: 0% Violations: 1 Vitamin A

ADM MILLING/ST LOUIS, SHAWNEE MISSION, KS ADM MILLING/MT VERNON, OVERLAND PARK, KS Samples 1 Passed 1 Percent Passed: 100% Tests 3 Passed 3 Violations: None Sampling Emphasis: Wheat Products
ADM MILLING/BEECH GROVE, BEECH GROVE, IN Samples 6 Passed 6 Percent Passed: 100% Tests 14 Passed 14 Violations: None Sampling Emphasis: Wheat Products
AGRI- DEALERS SUPPLY CO., LOUISVILLE, KY Samples 19 Passed 16 Percent Passed: 84% Tests 108 Passed 104 Violations: 1 Protein, 1 Copper, 2 Zinc Sampling Emphasis: Poultry, Beef, Misc. Complete, Dry Cat Food, Rabbit, Mineral
AGRIDYNE LLC, SPRINGFIELD, IL Samples 1 Passed 1 Percent Passed: 100% Tests 8 Passed 8 Violations: None Sampling Emphasis: Liquid Feed
A GUY AND HIS DOG COMPANY, DURANGO, CO Samples 5 Passed 5 Percent Passed: 100% Tests 20 Passed 20 Violations: None Sampling Emphasis: Speciality Dog or Cat
ALPHARMA, FORT LEE, NJ Samples 11 Passed 11 Percent Passed: 100% Tests 12 Passed 12 Violations: None Sampling Emphasis: Drugs
ALFA-PET INC., ST LOUIS, MO Samples 3 Passed 3 Percent Passed: 100% Tests 21 Passed 21 Violations: None Sampling Emphasis: Speciality Pet
ALBION ADVANCED NUTRITION, CLEARFIELD, UT Samples 1 Passed 1 Percent Passed: 100% Tests 2 Passed 2 Violations: None Sampling Emphasis: Minerals
ALDI INC, GREENWOOD, IN Samples 3 Passed 2 Percent Passed: 67% Tests 29 Passed 28 Violations: 1 Zinc Sampling Emphasis: Dry Cat Food, Speciality Dog or Cat, Dry Dog Food
ALLEN CO FARMERS SERVICE INC, SCOTTSVILLE, KY Samples 15 Passed 12 Percent Passed: 80% Tests 62 Passed 58 Violations: 2 Protein, 1 Fiber, 1 Drug Sampling Emphasis: Beef, Distillers & Cottonseed Products
ALLEN COUNTY FEED AND SEED, SCOTTSVILLE, KY Samples 2 Passed 1 Percent Passed: 50% Tests 12 Passed 11 Violations: 1 Protein Sampling Emphasis: Misc. Complete, Beef
ALLTECH, INC., NICHOLASVILLE, KY Samples 10 Passed 9 Percent Passed: 90% Tests 20 Passed 19 Violations: 1 Protein Sampling Emphasis: Microbial, Mineral
AMERICAN HEALTH KENNELS INC, POMPANO BEACH, FL Samples 1 Passed 1 Percent Passed: 100% Tests 5 Passed 5 Violations: None Sampling Emphasis: Speciality Horse

AMPRO PRODUCTS INC, GAINESVILLE, GA Samples 2 Passed 2 Tests 9 Passed 9 Sampling Emphasis: Animal Products	Percent Passed: Violations:	
ANDERSON FARM SERVICE, LAWRENCEBURG, KY Samples 2 Passed 2 Tests 12 Passed 12 Sampling Emphasis: Equine	Percent Passed: Violations:	
GRAIN PROCESSING CORPORATION, WASHINGTON Samples 1 Passed 1 Tests 14 Passed 14 Sampling Emphasis: Corn Products	, IN Percent Passed: Violations:	
ANIMAL SCIENCE PRODUCTS INC, NACOGDOCHES Samples 1 Passed 1 Tests 5 Passed 5 Sampling Emphasis: Mineral	, TX Percent Passed: Violations:	
ANTLER KING TROPHY PRODUCTS, BLACK RIVER FA Samples 3 Passed 1 Tests 26 Passed 21 Sampling Emphasis: Misc. Complete, Mineral	Percent Passed:	33% 2 Iron, 2 Manganese, 1 Zinc
AQUARIUM PHARMACEUTICALS INC, CHALFONT, P Samples 2 Passed 2 Tests 15 Passed 15 Sampling Emphasis: Speciality Pet	A Percent Passed: Violations:	
ADM PROCESSING CO - DAVE WENDT, DECATUR, IL Samples 17 Passed 16 Tests 30 Passed 29 Sampling Emphasis: Soybean & Animal Produc	Percent Passed: Violations:	
ADM (SOY PROCESSING), FRANKFORT, IN Samples 1 Passed 1 Tests 2 Passed 2 Sampling Emphasis: Soybean Products	Percent Passed: Violations:	
ADM CORN PROCESSING/L TIPSWORD, DECATUR, I Samples 7 Passed 7 Tests 65 Passed 65 Sampling Emphasis: Corn Products	L Percent Passed: Violations:	
ARCO DEHYDRATING CO INC, LAKE PARK, IA Samples 2 Passed 2 Tests 4 Passed 4 Sampling Emphasis: Alfalfa Products	Percent Passed: Violations:	
ARKAT FEEDS INC, DUMAS, AR Samples 1 Passed 1 Tests 12 Passed 12 Sampling Emphasis: Dry Dog Food	Percent Passed: Violations:	
ARNOLD FEED & SEED, CAMPBELLSVILLE, KY Samples 2 Passed 2 Tests 12 Passed 12 Sampling Emphasis: Distillers Products	Percent Passed: Violations:	
ASHLAND MILLING COMPANY INC, ASHLAND, KY Samples 4 Passed 4 Tests 14 Passed 14 Sampling Emphasis: Poultry, Equine	Percent Passed: Violations:	

ASSOC WHOL GROC/ANN THOMPSON, KANSAS CITY, KS Samples 4 Passed 4 Percent Passed: 100% Tests 46 Passed 46 Violations: None Sampling Emphasis: Canned Dog & Cat Food
AUTHORITY PET FOOD CO, PHOENIX, AZ Samples 7 Passed 5 Percent Passed: 71% Tests 84 Passed 82 Violations: 1 Protein, 1 Ash Sampling Emphasis: Canned Cat & Dry Dog Food
AWES FOR DAWGS, NEW ALBANY, IN Samples 4 Passed 3 Percent Passed: 75% Tests 32 Passed 30 Violations: 1 Protein, 1 AH Fat Sampling Emphasis: Speciality Dog or Cat
AZALIA ELEVATOR, ELIZABETHTOWN, IN Samples 1 Passed 1 Percent Passed: 100% Tests 5 Passed 5 Violations: None Sampling Emphasis: Corn Products
BAGDAD ROLLER MILLS, BAGDAD, KY Samples 27 Passed 25 Percent Passed: 93% Tests 140 Passed 138 Violations: 1 Protein, 1 Vitamin A Sampling Emphasis: Beef, Swine, Rabbit, Equine, Dairy, Calf Feed, Goat, Sheep, Corn Products
BAKERY FEEDS INC, COLD SPRINGS, KY Samples 1 Passed 1 Percent Passed: 100% Tests 2 Passed 2 Violations: None Sampling Emphasis: Misc. Complete
BAKERY FEEDS INC, HENDERSON, KY Samples 6 Passed 6 Percent Passed: 100% Tests 29 Passed 29 Violations: None Sampling Emphasis: Cookie Meal
BAKERY FEED INC, BUTLER, KY Samples 1 Passed 1 Percent Passed: 100% Tests 4 Passed 4 Violations: None Sampling Emphasis: Misc. Complete
H J BAKER & BROS, WESTPORT, CT Samples 3 Passed 3 Percent Passed: 100% Tests 10 Passed 10 Violations: None Sampling Emphasis: Misc. Complete, Animal Products
BARDSTOWN MILLS, BARDSTOWN, KY     Samples   37   Passed   21   Percent Passed:   57%     Tests   240   Passed   221   Violations:   13 Protein, 1 ADF, 2 Copper, 3 Zinc     Sampling Emphasis: Gamebird, Beef, Misc. Complete, Sheep, Distillers Products
BILL BARR & CO, LENEXA, KS Samples 1 Passed 1 Percent Passed: 100% Tests 1 Passed 1 Violations: None Sampling Emphasis: Minerals
BARTON BRANDS, LTD., BARDSTOWN, KY Samples 3 Passed 3 Percent Passed: 100% Tests 31 Passed 31 Violations: None Sampling Emphasis: Distillers Products
JIM BEAM BRANDS, CLERMONT, KY Samples 5 Passed 5 Percent Passed: 100% Tests 51 Passed 51 Violations: None Sampling Emphasis: Distillers Products

BEASLEY FEEDS, CREAL SPRINGS, IL Samples 1 Passed 1 Tests 12 Passed 12 Sampling Emphasis: Beef	Percent Passed: Violations:	100% None
BENCH & FIELD PET FOODS LLC, MISKAWAKA, IN Samples 2 Passed 2 Tests 20 Passed 20 Sampling Emphasis: Dry Dog & Cat Food	Percent Passed: Violations:	
BI-COUNTY FARM BUREAU COOP, FLORENCE, KY Samples 6 Passed 6 Tests 36 Passed 36 Sampling Emphasis: Swine, Poultry, Misc. Comp	Percent Passed: Violations: lete	100% None
BIG BARN FARM STORE, GARRISON, KY Samples 4 Passed 3 Tests 24 Passed 23 Sampling Emphasis: Misc. Complete, Poultry	Percent Passed: Violations:	75% 1 Protein
BIL JAC FOODS INC, MEDINA, OH Samples 1 Passed 1 Tests 5 Passed 5 Sampling Emphasis: Speciality Dog or Cat	Percent Passed: Violations:	100% None
BIO-NUTRITION LLC, FAIRACRES, NM Samples 1 Passed 1 Tests 4 Passed 4 Sampling Emphasis: Speciality Horse	Percent Passed: Violations:	100% None
BIOZYME INCORPORATED, ST JOSEPH, MO Samples 1 Passed 1 Tests 10 Passed 10 Sampling Emphasis: Liquid Feed	Percent Passed: Violations:	100% None
BIRDOLA PRODUCTS, GRAND RAPIDS, MI Samples 1 Passed 1 Tests 5 Passed 5 Sampling Emphasis: Speciality Pet	Percent Passed: Violations:	
BISHOP FARM SUPPLY, SOMERSET, KY Samples 5 Passed 4 Tests 44 Passed 43 Sampling Emphasis: Custom Mix, Dairy	Percent Passed: Violations:	80% 1 Drug
BLACK GOLD PET FOODS INC, VIENNA, MO Samples 4 Passed 4 Tests 44 Passed 44 Sampling Emphasis: Dry Dog Food	Percent Passed: Violations:	100% None
THE BLUE BUFFALO CO LLC, WILTON, CT Samples 1 Passed 0 Tests 11 Passed 10 Sampling Emphasis: Dry Dog Food	Percent Passed: Violations:	0% 1 Zinc
BLUEGRASS SEED, BARDSTOWN, KY Samples 28 Passed 23 Tests 191 Passed 186 Sampling Emphasis: Misc. Complete, Swine, Dis	Percent Passed: Violations: tillers & Corn Prod	82% 3 Protein, 2 Vitamin A ucts
BLUEGRASS AG DISTRIBUTORS, LANCASTER, KY Samples 12 Passed 12 Tests 60 Passed 60 Sampling Emphasis: Beef, Custom Mix, Equine	Percent Passed: Violations:	100% None

BLUEBONNET FEEDS, ARDMORE, OK Samples 2 Passed 2 Tests 20 Passed 20 Sampling Emphasis: Misc. Complete, Gamebird	Percent Passed: Violations:	100% None
BLUE SEAL FEEDS INC, LONDONDERRY, NH Samples 1 Passed 1 Tests 8 Passed 8 Sampling Emphasis: Speciality Horse	Percent Passed: Violations:	100% None
BOBS FEED & FERTILIZER, CROSSVILLE, TN Samples 2 Passed 2 Tests 13 Passed 13 Sampling Emphasis: Equine, Poultry	Percent Passed: Violations:	
BOEHRINGER-INGELHEIM VETMEDICA, ST. JOSEPH, N Samples 1 Passed 1 Tests 10 Passed 10 Sampling Emphasis: Speciality Horse	MO Percent Passed: Violations:	100% None
BRIGHTON MILLS/H NAGEL & SON, CINCINNATI, OH Samples 1 Passed 1 Tests 3 Passed 3 Sampling Emphasis: Wheat Products	Percent Passed: Violations:	100% None
BROOKSIDE AGRA LC, HIGHLAND, IL Samples 3 Passed 3 Tests 3 Passed 3 Sampling Emphasis: Vitamin Premix	Percent Passed: Violations:	100% None
BROOKSVILLE FARM SUPPLY, BROOKSVILLE, KY Samples 1 Passed 1 Tests 8 Passed 8 Sampling Emphasis: Custom Mix	Percent Passed: Violations:	100% None
F M BROWNS SONS INC, SINKING SPRING, PA Samples 9 Passed 7 Tests 37 Passed 35 Sampling Emphasis: Speciality Pet	Percent Passed: Violations:	
OTIS BRYANT & SON INC, CANEYVILLE, KY Samples 45 Passed 41 Tests 248 Passed 244 Sampling Emphasis: Goat, Dairy, Swine, Beef, Equ		4 Protein
BUCKLEY BROS INC, WILMINGTON, OH Samples 2 Passed 2 Tests 12 Passed 12 Sampling Emphasis: Beef, Equine	Percent Passed: Violations:	100% None
BUCKEYE FEED MILLS INC, DALTON, OH Samples 9 Passed 9 Tests 78 Passed 78 Sampling Emphasis: Dry Cat& Dog Food, Swine,	Percent Passed: Violations: Equine, Spec. Hor	100% None se
INTEGRITY FEEDS LLC, OWENSBORO, KY Samples 11 Passed 10 Tests 74 Passed 73 Sampling Emphasis: Swine	Percent Passed: Violations:	91% 1 Protein
INTEGRITY FEEDS LLC, HARDIN, KY Samples 8 Passed 8 Tests 46 Passed 46 Sampling Emphasis: Custom Mix, Misc. Complete	Percent Passed: Violations: e, Swine	100% None

	sed: 100% ons: None
BUFFALO TRACE DISTILLERY INC, FRANKFORT, KY Samples 4 Passed 3 Percent Pas Tests 32 Passed 31 Violati Sampling Emphasis: Distillers Products	sed: 75% ons: 1 Protein
	sed: 100% ons: None
	sed: 100% ons: None
	sed: 100% ons: None
BURKMANN FEEDS, DANVILLE, KY Samples 102 Passed 87 Percent Pas Tests 670 Passed 648 Violati Sampling Emphasis: Dairy, Blocks, Poultry, Misc. Complete, G	ons: 6 Protein, 1 NPN, 3 ADF, 1 Cobalt, 1 Copper, 2 Iron, 1 Magnesium, 2 Manganese, 1 Zinc, 4 Vitamin A
Sampling Emphasis. Dairy, blocks, roundy, wise. complete, d	oat, Milleral, Call Teed, Beel
	sed: 100% ons: None
BURKMANN FEEDS OF EDMONTON, EDMONTON, KY Samples 8 Passed 6 Percent Pas Tests 29 Passed 26 Violati Sampling Emphasis: Oat Products, Calf Feed, Equine, Beef, Da	ons: 1 Protein, 1 Copper, 1 Zinc
BURKMANN FEEDS, LONDON, KY Samples 9 Passed 8 Percent Pas Tests 48 Passed 47 Violati Sampling Emphasis: Beef, Poultry, Gamebird, Misc. Complete	ons: 1 Zinc
BURKMANN FEEDS, BOWLING GREEN, KY Samples 43 Passed 36 Percent Pas Tests 171 Passed 164 Violati Sampling Emphasis: Gamebird, Poultry, Wheat Products	sed: 83% ons: 7 Protein
BURKMANN FEEDS, GLASGOW, KY Samples 45 Passed 39 Percent Pas Tests 262 Passed 254 Violati Sampling Emphasis: Calf Feed, Dairy, Beef, Mineral, Distillers	ons: 4 Protein, 2 ADF, 1 Phosphorus, 1 Vitamin A
BURKMANN FEEDS, EUBANK, KY Samples 14 Passed 10 Percent Pas Tests 82 Passed 78 Violati Sampling Emphasis: Dairy, Goat, Swine, Distillers & Corn Proc	ons: 4 Protein
	sed: 100% ons: None

BUTLER COMPANY, DUBLIN, OH       Samples     2     Parcent Passed:       Tests     7     Passed     7       Sampling Emphasis: Speciality Dog or Cat, Misc. Complete	
BY PRODUCT FEED BLENDERS, LEBANON, KY Samples 5 Passed 5 Percent Passed: Tests 37 Passed 37 Violations: Sampling Emphasis: Distillers & Corn Products, Custom Mix	
CALHOUN FEED SERVICE INC, MADISONVILLE, KY Samples 3 Passed 3 Percent Passed: Tests 19 Passed 19 Violations: Sampling Emphasis: Equine, Beef	
CALLIHAN FEEDS, ARGILLITE, KY Samples 2 Passed 2 Percent Passed: Tests 6 Passed 6 Violations: Sampling Emphasis: Beef	
CANIDAE CORPORATION, NORCO, CA Samples 2 Passed 2 Percent Passed: Tests 23 Passed 23 Violations: Sampling Emphasis: Dry Dog Food	
CARDINAL LABORATORIES INC, AZUSA, CA Samples 3 Passed 3 Percent Passed: Tests 10 Passed 10 Violations: Sampling Emphasis: Speciality Dog or Cat	
CAREY FEED, GRAVEL SWITCH, KY Samples 2 Passed 2 Percent Passed: Tests 14 Passed 14 Violations: Sampling Emphasis: Misc. Complete	
MOSAIC CROP NUTRITION LLC, RIVERVIEW, FL     Samples   1   Percent Passed:     Tests   2   Passed   2     Sampling Emphasis: Minerals   Violations:	
CARGILL ANIMAL NUTRITION, MINNEAPOLIS, MN CARGILL ANIMAL NUTRITION, MINNEAPOLIS, MN	
Samples63Passed51Percent Passed:Tests544Passed530Violations:	
Sampling Emphasis: Aquaculture, Beef, Dry Dog & Cat Food, Misc	
CARGILL NUTRENA FEEDS, MEMPHIS, TN Samples 5 Passed 3 Percent Passed: Tests 40 Passed 38 Violations: Sampling Emphasis: Misc. Complete, Equine	
CARGILL INC, WOOSTER, OH Samples 12 Passed 12 Percent Passed: Tests 71 Passed 71 Violations: Sampling Emphasis: Equine, Misc. Complete, Poultry	
CARGILL INC, MINNEAPOLIS, MN Samples 4 Passed 3 Percent Passed: Tests 14 Passed 13 Violations: Sampling Emphasis: Dairy, Equine	
CARGILL-PROCESSING GROUP, SIDNEY, OH Samples 4 Passed 4 Percent Passed: Tests 5 Passed 5 Violations: Sampling Emphasis: Soybean Products	

CARGILL DRY CORN INGREDIENT, MINNEAPOLIS, MN CARGILL DRY CORN INGREDIENT, MINNEAPOLIS, MN Samples 1 Passed 1 Percent Passed: Tests 5 Passed 5 Violations: Sampling Emphasis: Corn Products	
CARGILL - CORN MILLING DIV, DAYTON, OH Samples 4 Passed 4 Percent Passed: Tests 40 Passed 40 Violations: Sampling Emphasis: Corn Products	
CARGILL DRY CORN INGREDIENTS, INDIANAPOLIS, IN Samples 1 Passed 1 Percent Passed: Tests 7 Passed 7 Violations: Sampling Emphasis: Corn Products	
CARGILL - CORN MILLING DIV, DAYTON, OH Samples 3 Passed 3 Percent Passed: Tests 26 Passed 26 Violations: Sampling Emphasis: Corn Products	
CARTER-WALLACE, INC., PRINCETON, NJ Samples 2 Passed 2 Percent Passed: Tests 7 Passed 7 Violations: Sampling Emphasis: Speciality Dog or Cat	
CASTOR-POLLUX PET WORKS, CLACKAMAS, OR Samples 4 Passed 4 Percent Passed: Tests 34 Passed 34 Violations: Sampling Emphasis: Dry Dog & Cat Food, Speciality Dog or Cat	
CAUDILL SEED CO, LOUISVILLE, KY Samples 1 Passed 1 Percent Passed: Tests 1 Passed 1 Violations: Sampling Emphasis: Speciality Pet	
CECILIA FARM SERVICE, CECILIA, KY Samples 4 Passed 4 Percent Passed: Tests 15 Passed 15 Violations: Sampling Emphasis: Soybean Products, Beef, Corn Products	
C & D FEED, UPTON, KY Samples 8 Passed 7 Percent Passed: Tests 48 Passed 47 Violations: Sampling Emphasis: Beef, Custom Mix, Equine, Corn Products	
CENTRAL FARM SUPPLY, LOUISVILLE, KY Samples 25 Passed 23 Percent Passed: Tests 104 Passed 101 Violations: Sampling Emphasis: Calf Feed, Poultry, Molasses, Blocks, Beef, Min	1 Protein, 1 Potassium, 1 Zinc
CENTRAL FARMERS SUPPLY, GREENSBURG, KY Samples 32 Passed 29 Percent Passed: Tests 202 Passed 199 Violations: Sampling Emphasis: Misc. Complete, Swine, Scratch, Mineral, Cust	3 Protein
CHILDERS BROS FARM SUPPLY INC, HINDMAN, KY Samples 2 Passed 2 Percent Passed: Tests 13 Passed 13 Violations: Sampling Emphasis: Gamebird, Swine	
CIRCLE M FARMS, JACKSON, OH Samples 2 Passed 2 Percent Passed: Tests 6 Passed 6 Violations: Sampling Emphasis: Goat	

nt Passed: 82% Violations: 2 Protein Illers & Corn Products
nt Passed: 71% Violations: 2 Calcium, 1 Phosphorus
nt Passed: 63% Violations: 2 Protein, 1 Zinc, 1 Vitamin A
nt Passed: 100% Violations: None
nt Passed: 92% Violations: 1 Protein, 1 Moisture
nt Passed: 100% Violations: None
nt Passed: 100% Violations: None
nt Passed: 100% Violations: None
nt Passed: 100% Violations: None roducts
nt Passed: 100% Violations: None

PURINA MILLS INC, FRAN Samples 1 Pass Tests 5 Pass Sampling Emphasis: Pou	sed 1 sed 5	Percent Passed: Violations:	
PURINA MILLS INC, NASH Samples 19 Pass Tests 105 Pass Sampling Emphasis: Goa	sed 13 sed 99		4 Protein, 1 Fiber, 1 Zinc
PURINA MILLS, EVANSVIL Samples 1 Pass Tests 11 Pass Sampling Emphasis: Min	sed 1 sed 11	Percent Passed: Violations:	
PURINA MILLS INC, VANE Samples 3 Pass Tests 16 Pass Sampling Emphasis: Pou	sed 3 sed 16	Percent Passed: Violations:	
CROP PRODUCTION SERVICI Samples 7 Pass Tests 37 Pass Sampling Emphasis: Cust	sed 6 sed 36	Percent Passed: Violations:	
CRITTENDEN FARM SUPPLY, Samples 1 Pass Tests 7 Pass Sampling Emphasis: Cust	sed 1 sed 7	Percent Passed: Violations:	
CUB RUN MILLING CO, CUB f Samples 5 Pass Tests 32 Pass Sampling Emphasis: Bee	sed 4 sed 31	Percent Passed: Violations:	
C & S PRODUCTS CO INC, FO Samples 1 Pass Tests 2 Pass Sampling Emphasis: Spe	sed 1 sed 2	Percent Passed: Violations:	100% None
CUSTOM FEED MILL LLC, MC Samples 16 Pass Tests 118 Pass	sed 11	Percent Passed: Violations:	69% 1 Protein, 1 Salt, 1 Cobalt, 1 Copper, 1 Magnesium, 1 Zinc, 2 Vitamin A
Sampling Emphasis: Swir	ne, Soybean Products, N	lineral, Beef	
CUSTOM MILLING INC, DAVI Samples 1 Pass Tests 5 Pass Sampling Emphasis: Goa	sed 1 sed 5	Percent Passed: Violations:	100% None
DABNEY FEED & SUPPLY, SO Samples 11 Pass Tests 60 Pass Sampling Emphasis: Bee	sed 9 sed 58	Percent Passed: Violations: omplete	
DAD'S DOG FOODS, MEADV Samples 4 Pass Tests 37 Pass Sampling Emphasis: Dry	sed 4 sed 37	Percent Passed: Violations:	
DAVENPORT FARM SUPPLY, I Samples 11 Pass Tests 47 Pass Sampling Emphasis: Miso	sed 9 sed 45	Percent Passed: Violations: x, Poultry, Beef	

DAY & DAY FEED MILL, COLUMBIA, KY Samples 4 Passed 4 Percent Passed Tests 20 Passed 20 Violations Sampling Emphasis: Custom Mix, Calf Feed	
D & D INGREDIENT DIST INC, DELPHOS, OH Samples 1 Passed 1 Percent Passed Tests 1 Passed 1 Violations Sampling Emphasis: Alfalfa Products	
D & D COMMODITIES, STEPHEN, MN Samples 4 Passed 3 Percent Passed Tests 16 Passed 14 Violations Sampling Emphasis: Speciality Pet	: 75% : 1 Protein, 1 Moisture
DEEP'S FARM & SUPPLY, LEBANON, KY Samples 1 Passed 1 Percent Passed Tests 11 Passed 11 Violations Sampling Emphasis: Distillers Products	
DEL MONTE PET PRODUCTS, PITTSBURGH, PA Samples 10 Passed 10 Percent Passed Tests 104 Passed 104 Violations Sampling Emphasis: Speciality Dog or Cat, Dry Dog Food, Canne	: None
DIAMOND PET FOODS CO, META, MO Samples 14 Passed 8 Percent Passed Tests 156 Passed 148 Violations Sampling Emphasis: Dry Dog Food	: 57% : 1 Protein, 2 AH Fat, 3 Calcium, 1 Phosphorus, 1 Ash
DIXIE FEED & SUPPLY, FALMOUTH, KY Samples 2 Passed 2 Percent Passed Tests 18 Passed 18 Violations Sampling Emphasis: Custom Mix, Equine	
D & M FEEDS, CARTERVILLE, IL Samples 3 Passed 3 Percent Passed Tests 13 Passed 13 Violations Sampling Emphasis: Equine, Corn Products	
DOANE PET CARE, BRENTWOOD, TN Samples 6 Passed 6 Percent Passed Tests 48 Passed 48 Violations Sampling Emphasis: Speciality Dog or Cat, Dry Dog & Cat Food	
DOGSWELL LLC, SAN FRANCISCO, CA Samples 1 Passed 1 Percent Passed Tests 3 Passed 3 Violations Sampling Emphasis: Speciality Dog or Cat	
DOGMATIC PRODUCTS INC, BROOKLYN, NY Samples 1 Passed 1 Percent Passed Tests 1 Passed 1 Violations Sampling Emphasis: Speciality Dog or Cat	
DO IT BEST INC, FORT WAYNE, IN Samples 1 Passed 1 Percent Passed Tests 4 Passed 4 Violations Sampling Emphasis: Speciality Pet	
DOUBLE J MILL INC, BOONEVILLE, KY Samples 7 Passed 7 Percent Passed Tests 33 Passed 33 Violations Sampling Emphasis: Misc. Complete, Beef, Corn & Oat Products	

DOUBLE L GROUP LTD, DYERSVILLE, IA Samples 1 Passed 1 Tests 4 Passed 4 Sampling Emphasis: Speciality Horse	Percent Passed: Violations:	
DOWELL HARDWARE INC, EKRON, KY Samples 2 Passed 2 Tests 20 Passed 20 Sampling Emphasis: Mineral	Percent Passed: Violations:	
DSM NUTRITIONAL PRODUCTS/ROCHE, PARSIPPAN Samples 1 Passed 1 Tests 1 Passed 1 Sampling Emphasis: Poultry	VY, NJ Percent Passed: Violations:	
EARLY TIMES DISTILLERY CO, LOUISVILLE, KY Samples 1 Passed 1 Tests 11 Passed 11 Sampling Emphasis: Distillers Products	Percent Passed: Violations:	
EIGHT IN ONE PET PRODUCTS, HAUPPAUGE, NY Samples 9 Passed 8 Tests 94 Passed 91 Sampling Emphasis: Speciality Dog or Cat, Spec	Percent Passed: Violations: ciality Pet	
ELANCO ANIMAL HEALTH/AMY MALON, GREENFIE Samples 7 Passed 7 Tests 7 Passed 7 Sampling Emphasis: Drugs	LD, IN Percent Passed: Violations:	
WILBUR ELLIS CO OF CANADA, CANADA Samples 1 Passed 1 Tests 1 Passed 1 Sampling Emphasis: Sheep	Percent Passed: Violations:	
ENDRES PROCESSING OHIO LLC, UPPER SANDUSK Samples 1 Passed 1 Tests 1 Passed 1 Sampling Emphasis: Misc. Complete	Y, OH Percent Passed: Violations:	
EQUINE AMERICA INC, AIKEN, SC Samples 2 Passed 1 Tests 10 Passed 9 Sampling Emphasis: Speciality Horse	Percent Passed: Violations:	
EQUUS INTERNATIONAL CORP, MARANA, AZ Samples 1 Passed 1 Tests 4 Passed 4 Sampling Emphasis: Speciality Horse	Percent Passed: Violations:	
EVOLVED HABITATS INC, NEW ROADS, LA Samples 4 Passed 4 Tests 21 Passed 21 Sampling Emphasis: Misc. Complete, Mineral	Percent Passed: Violations:	
JOHN EWING COMPANY, LA SALLE, CO Samples 2 Passed 2 Tests 11 Passed 11 Sampling Emphasis: Speciality Horse	Percent Passed: Violations:	
EXCLUSIVELY PET INC, MILWAUKEE, WI Samples 1 Passed 1 Tests 4 Passed 4 Sampling Emphasis: Speciality Dog or Cat	Percent Passed: Violations:	

EXL MILLING LTD, CANADA Samples 2 Passed 1 Tests 21 Passed 20 Sampling Emphasis: Misc.	Percent Passed: Violations:	
FAITHWAY FEED CO INC, GUNTERSVILLE, AL Samples 4 Passed 3 Tests 32 Passed 30 Sampling Emphasis: Dry Dog Food	Percent Passed: Violations:	75% 1 Calcium, 1 Phosphorus
FARMER'S CHOICE FEED MILL, KIRKSEY, KY Samples 3 Passed 3 Tests 18 Passed 18 Sampling Emphasis: Swine, Custom Mix, Corn P	Percent Passed: Violations: roducts	
FARMERS FEED MILL, LEXINGTON, KY Samples 22 Passed 20 Tests 117 Passed 115 Sampling Emphasis: Equine, Poultry, Rabbit, Mi	Percent Passed: Violations: sc. Complete, Min	2 Protein
FARMERS MARKET, BARBOURVILLE, KY Samples 6 Passed 2 Tests 33 Passed 29 Sampling Emphasis: Goat, Swine, Beef	Percent Passed: Violations:	
FARM HOUSE, MILTON, WV Samples 2 Passed 2 Tests 10 Passed 10 Sampling Emphasis: Misc. Complete, Swine	Percent Passed: Violations:	100% None
FARNAM PET PRODUCTS, PHOENIX, AZ Samples 2 Passed 2 Tests 8 Passed 8 Sampling Emphasis: Speciality Dog or Cat	Percent Passed: Violations:	
FARNAM CO INC, OMAHA, NE Samples 3 Passed 2 Tests 29 Passed 28 Sampling Emphasis: Speciality Horse	Percent Passed: Violations:	67% 1 Vitamin A
FARNAM CO/HORSE PRODUCTS DIV, PHOENIX, AZ Samples 8 Passed 6 Tests 48 Passed 45 Sampling Emphasis: Speciality Horse	Percent Passed: Violations:	75% 1 Protein, 1 Iron, 1 Vitamin A
FAT BOY FEED & SUPPLY LLC, BRONSTON, KY Samples 2 Passed 2 Tests 29 Passed 29 Sampling Emphasis: Corn Products	Percent Passed: Violations:	
FEED SOLUTIONS, ST LOUIS, MO FEED SOLUTIONS, ST LOUIS, MO Samples 4 Passed 4 Tests 31 Passed 31 Sampling Emphasis: Misc. Complete, Blocks	Percent Passed: Violations:	
PURINA MILLS INC, NASHVILLE, TN Samples 3 Passed 3 Tests 21 Passed 21 Sampling Emphasis: Misc. Complete	Percent Passed: Violations:	
FINISH LINE HORSE PRODUCTS, BENSENVILLE, IL Samples 3 Passed 0 Tests 28 Passed 23 Sampling Emphasis: Speciality Horse	Percent Passed: Violations:	0% 2 Copper, 1 Iron, 1 Magnesium, 1 Zinc

502 FEEDS, BENTON, KY Passed Percent Passed: 100% Samples 4 4 Tests 37 Passed 37 Violations: None Sampling Emphasis: Aquaculture, Dry Dog Food FLUKER FARMS INC, PORT ALLEN, LA Samples 2 Passed 1 Percent Passed: 50% 7 Passed Violations: 1 Protein Tests 6 Sampling Emphasis: Speciality Pet FOOD LION STORES, SALISBURY, NC 9 Passed ٩ Percent Passed: 100% Samples 100 Passed 100 Violations: None Tests Sampling Emphasis: Canned Dog & Cat Food, Dry Dog & Cat Food, Spec. Dog or Cat FOREMOST FARMS USA, BARABOO, WI Samples 1 Passed 1 Percent Passed: 100% Passed Violations: None Tests 12 12 Sampling Emphasis: Canned Cat Food CPC COMMODITIES LLC, FOUNTAIN RUN, KY Percent Passed: 67% Samples 21 Passed 14 Tests 151 Passed 144 Violations: 1 Protein, 6 NPN Sampling Emphasis: Misc. Complete, Beef, Equine 4 SEASONS MARKETING LLC, FLEMINGSBURG, KY Percent Passed: 80% Samples 69 Passed 55 Tests Passed 2 Protein, 1 NPN, 3 Calcium, 3 Salt, 4 Cobalt, 4 Copper, 682 656 Violations: 1 Magnesium, 1 Manganese, 4 Zinc, 3 Vitamin A Sampling Emphasis: Blocks, Swine, Mineral FRANKLIN INDUSTRIAL MINERALS, NASHVILLE, TN Passed 4 Percent Passed: 100% Δ Samples Tests 4 Passed 4 Violations: None Sampling Emphasis: Minerals FREDS INC, MEMPHIS, TN Samples 15 Passed 13 Percent Passed: 87% Passed Tests 170 Violations: 2 Calcium, 1 Phosphorus 167 Sampling Emphasis: Canned Dog & Cat Food, Dry Dog Food FROMM FAMILY FOODS LLC, MEQUON, WI 1 Passed Percent Passed: 100% Samples 1 Passed Tests 13 13 Violations: None Sampling Emphasis: Dry Dog Food FURST-MCNESS CO, FREEPORT, IL FURST-MCNESS CO, FREEPORT, IL 24 Passed 17 Percent Passed: 71% Samples Passed Violations: 4 Protein, 1 Calcium, 1 Phosphorus, Tests 168 159 1 Iron, 1 Magnesium, 1 Vitamin A Sampling Emphasis: Equine, Swine, Mineral, Dairy, Calf Feed, Beef FURST-MCNESS COMPANY, MAYFIELD, KY Samples 55 Passed 42 Percent Passed: 76% Tests Violations: 6 Protein, 1 NPN Equiv Protein, 1 Crude Fiber, 341 Passed 324 1 Calcium, 1 Phosphorus, 3 Copper, 1 Potassium, 2 Zinc, 1 Vitamin A Sampling Emphasis: Misc. Complete, Beef, Poultry, Equine, Rabbit, Calf Feed, Corn Products LEO GABBARD, WEST HARRISON, IN Percent Passed: 0% Samples 1 Passed 0 Tests 10 Passed 9 Violations: 1 Calcium Sampling Emphasis: Dry Dog Food

GHC MILLING, FORDSVILLE, KY		
Samples 8 Passed 7	Percent Passed:	
Tests 33 Passed 32 Sampling Emphasis: Equine, Beef, Calf Feed, Cor	Violations: n & Soybean Prod	1 Salt ucts
GIDDYAP GIRLS BISCUIT CO INC, COSTA MESA, CA		
Samples 1 Passed 1	Percent Passed:	100%
Tests 9 Passed 9 Sampling Emphasis: Speciality Horse	Violations:	None
GLOBAL HARVEST BIRDSEED, KENT, WA Samples 2 Passed 2	Percent Passed:	100%
Tests 6 Passed 6 Sampling Emphasis: Speciality Pet, Wild Bird Foo	Violations:	None
	Ju	
GOLDENROD FEEDS, LIBERTY, KY Samples 7 Passed 7	Percent Passed:	100%
Tests 29 Passed 29	Violations:	
Sampling Emphasis: Soybean Products, Swine, F	oultry	
GOLD BUCKLE FEEDS LLC, EDDYVILLE, IA Samples 2 Passed 1	Percent Passed:	50%
Tests 16 Passed 15	Violations:	1 Protein
Sampling Emphasis: Equine		
GOLD CITY FEED MILL, FRANKLIN, KY		000/
Samples 6 Passed 5 Tests 33 Passed 32	Percent Passed: Violations:	83% 1 Vitamin A
Sampling Emphasis: Custom Mix		
GRAHAM FEED CO, TERRE HAUTE, IN		
Samples 7 Passed 7 Tests 10 Passed 10	Percent Passed: Violations:	100% None
Sampling Emphasis: Drugs	Tiolationsi	lione
GRAIN PROCESSING CORPORATION, WASHINGTON,	IN	
Samples 12 Passed 12 Tests 107 Passed 107	Percent Passed: Violations:	100% None
Sampling Emphasis: Corn Products	violations.	None
GRAIN PROCESSING CORPORATION, MUSCATINE, IA		
Samples 1 Passed 1	Percent Passed:	100%
Tests 7 Passed 7 Sampling Emphasis: Distillers Products	Violations:	None
GRAND MEADOWS INC, ORANGE, CA		
Samples 1 Passed 1	Percent Passed:	100%
Tests 15 Passed 15 Sampling Emphasis: Speciality Horse	Violations:	None
GRANT CO FARM SUPPLY, DRY RIDGE, KY Samples 2 Passed 1	Percent Passed:	50%
Tests 8 Passed 7	Violations:	1 Protein
Sampling Emphasis: Beef		
GREENLEAF COMMODITIES, DANVILLE, KY Samples 13 Passed 12	Percent Passed:	92%
Tests 66 Passed 65	Violations:	1 Protein
Sampling Emphasis: Custom Mix, Corn & Distille	rs Products	
GREEN RIVER FEED MILL, MORGANTOWN, KY	Deveent Deveel	710/
Samples 14 Passed 10 Tests 75 Passed 71	Percent Passed: Violations:	71% 4 Protein
Sampling Emphasis: Custom Mix, Poultry, Equin	e, Corn Products	

GRIFFIN INDUSTRIES INC, COLD SPRINGS, KY GRIFFIN INDUSTRIES INC, COLD SPRINGS, KY Samples 1 Passed 0 Tests 2 Passed 1 Sampling Emphasis: Animal Products	Percent Passed: Violations:	0% 1 Crude Fat
GRIFFIN INDUSTRIES INC, BUTLER, KY Samples 2 Passed 1 Tests 5 Passed 4 Sampling Emphasis: Animal Products	Percent Passed: Violations:	50% 1 AH Fat
GRIFFIN INDUSTRIES INC, RUSSELLVILLE, KY Samples 4 Passed 3 Tests 19 Passed 18 Sampling Emphasis: Animal Products	Percent Passed: Violations:	75% 1 Calcium
GRIFFIN INDUSTRIES, HENDERSON, KY Samples 1 Passed 1 Tests 6 Passed 6 Sampling Emphasis: Animal Products	Percent Passed: Violations:	100% None
GRIFFIN INDUSTRIES INC, UNION CITY, TN Samples 3 Passed 3 Tests 10 Passed 10 Sampling Emphasis: Animal Products	Percent Passed: Violations:	100% None
GRIFFITH & SONS FEED & FARM, STAFFORDSVILLE, P Samples 1 Passed 1 Tests 5 Passed 5 Sampling Emphasis: Scratch	(Y Percent Passed: Violations:	100% None
GUTWEIN & CO INC, LAFAYETTE, IN Samples 6 Passed 6 Tests 27 Passed 27 Sampling Emphasis: Speciality Pet, Blocks	Percent Passed: Violations:	100% None
ROLF C. HAGEN (USA) CORP, MANSFIELD, MA Samples 4 Passed 4 Tests 26 Passed 26 Sampling Emphasis: Speciality Pet	Percent Passed: Violations:	100% None
HAI FENG FEEDS CO LTD, SAN JOSE, CA Samples 1 Passed 1 Tests 8 Passed 8 Sampling Emphasis: Speciality Pet	Percent Passed: Violations:	100% None
HAMILTON HORSE COOKIE CO, HAMILTON, MA Samples 1 Passed 0 Tests 5 Passed 4 Sampling Emphasis: Speciality Horse	Percent Passed: Violations:	0% 1 Protein
HANSEN MUELLER CO, SANDUSKY, OH Samples 2 Passed 2 Tests 11 Passed 11 Sampling Emphasis: Equine, Barley Products	Percent Passed: Violations:	100% None
HARDIN COUNTY MILLING COMPANY, ELIZABETHTC Samples 11 Passed 10 Tests 65 Passed 64 Sampling Emphasis: Custom Mix, Misc. Complet	Percent Passed: Violations:	91% 1 Protein cts
HARDINSBURG ANIMAL CLINIC, HARDINSBURG, KY Samples 2 Passed 2 Tests 20 Passed 20 Sampling Emphasis: Mineral	Percent Passed: Violations:	100% None

HARDINSBURG FARM SUPPLY, HARNED, KY Samples 12 Passed 8 Tests 54 Passed 50 Sampling Emphasis: Equine, Beef, Custom Mi:	Percent Passed: Violations: x, Corn Products	
HARPER PET PRODUCTS INC, BEDFORD PARK, IL Samples 1 Passed 1 Tests 3 Passed 3 Sampling Emphasis: Speciality Dog or Cat	Percent Passed: Violations:	100% None
HARTZ MOUNTAIN PRODUCTS, SECAUCUS, NJ Samples 12 Passed 12 Tests 46 Passed 46 Sampling Emphasis: Speciality Pet	Percent Passed: Violations:	100% None
HARVEST BRANDS INC, PITTSBURG, KS Samples 9 Passed 7 Tests 75 Passed 72 Sampling Emphasis: Molasses, Mineral	Percent Passed: Violations:	
HARVEST RICE INC, MCGEHEE, AR Samples 1 Passed 1 Tests 3 Passed 3 Sampling Emphasis: Rice Products	Percent Passed: Violations:	100% None
HBD INTERNATIONAL INC, BRENTWOOD, TN Samples 2 Passed 2 Tests 10 Passed 10 Sampling Emphasis: Speciality Pet	Percent Passed: Violations:	100% None
HAYS FEED MILL, SMITHS GROVE, KY Samples 4 Passed 2 Tests 25 Passed 23 Sampling Emphasis: Custom Mix, Swine	Percent Passed: Violations:	
HAYWOOD HORSE SUPPLY, GLASGOW, KY Samples 4 Passed 4 Tests 20 Passed 20 Sampling Emphasis: Beef	Percent Passed: Violations:	
HBH ENTERPRISES, SPRINGVILLE, UT Samples 1 Passed 1 Tests 5 Passed 5 Sampling Emphasis: Speciality Dog or Cat	Percent Passed: Violations:	
HEALTH-PRO NUTRITION, LOS ANGELES, CA Samples 3 Passed 1 Tests 18 Passed 15 Sampling Emphasis: Speciality Dog or Cat	Percent Passed: Violations:	33% 1 Iron, 1 Manganese, 1 Weight
HEALTHY PET FOODS/INTEGRATED P, WEST CHES Samples 1 Passed 1 Tests 11 Passed 11 Sampling Emphasis: Canned Dog Food	TER, PA Percent Passed: Violations:	100% None
HEARTBREAK RIDGE FARM SUPPLY, CLAY CITY, KY Samples 3 Passed 3 Tests 15 Passed 15 Sampling Emphasis: Beef, Goat	, Percent Passed: Violations:	
HEDGEPETH SUPPLY, CANMER, KY Samples 13 Passed 12 Tests 108 Passed 107 Sampling Emphasis: Corn Products, Mineral	Percent Passed: Violations:	92% 1 Phosphorus

HERITAGE FEED & GRAIN INC, BOWLING GREEN, KY Samples 5 Passed 5 I Tests 30 Passed 30 Sampling Emphasis: Custom Mix	Percent Passed: Violations:	
HIGGINS GROUP CORPORATION, MIAMI, FL Samples 5 Passed 5 I Tests 15 Passed 15 Sampling Emphasis: Speciality Pet	Percent Passed: Violations:	
HILLS PET NUTRITION INC, TOPEKA, KS Samples 11 Passed 11 I Tests 107 Passed 107 Sampling Emphasis: Dry Dog Food, Canned Cat Fo	Percent Passed: Violations: ood, Speciality D	None
HIKARI SALES USA INC, HAYWARD, CA Samples 1 Passed 1 I Tests 6 Passed 6 Sampling Emphasis: Speciality Pet	Percent Passed: Violations:	
FRANK HINTON & SON, PLUMMERS LANDING, KY Samples 17 Passed 15 I Tests 108 Passed 105 Sampling Emphasis: Misc. Complete, Beef, Minera	Percent Passed: Violations: Il, Corn & Distiller	1 Phosphorus, 1 Copper, 1 Zinc
HISEVILLE FEED & SEED COMPANY, HISEVILLE, KY Samples 7 Passed 7 I Tests 37 Passed 37 Sampling Emphasis: Custom Mix, Corn Products	Percent Passed: Violations:	100% None
HI-TEK RATIONS, DUBLIN, GA Samples 6 Passed 4 I Tests 68 Passed 66 Sampling Emphasis: Dry Dog Food	Percent Passed: Violations:	67% 1 Protein, 1 Calcium
HOOVERS FEED MILL, SCOTTSVILLE, KY Samples 7 Passed 6 I Tests 31 Passed 30 Sampling Emphasis: Poultry, Custom Mix, Beef	Percent Passed: Violations:	86% 1 Protein
HORSE NIBBLES, QUAKERTOWN, PA Samples 1 Passed 1 I Tests 3 Passed 3 Sampling Emphasis: Speciality Horse	Percent Passed: Violations:	100% None
HOWE FARM SUPPLY, VANCEBURG, KY Samples 2 Passed 2 I Tests 6 Passed 6 Sampling Emphasis: Misc. Complete	Percent Passed: Violations:	
ERIC HOWELL GRAIN, BENTON, KY Samples 1 Passed 0 I Tests 1 Passed Sampling Emphasis: Corn Products	Percent Passed: Violations:	
HUBBARD FEEDS INC, MANKATO, MN HUBBARD FEEDS INC, MANKATO, MN Samples 14 Passed 14 I Tests 106 Passed 106 Sampling Emphasis: Beef, Dry Dog & Cat Food, Dr	Percent Passed: Violations: rugs, Mineral	
HUBBARD MILLING CO, BOTKINS, OH Samples 5 Passed 5 I Tests 27 Passed 27 Sampling Emphasis: Poultry, Misc. Complete	Percent Passed: Violations:	

HUBBARD FEEDS INC, HOPKINSVILLE, KY Samples 48 Passed 46 Tests 342 Passed 339 Percent Passed: 96% Violations: 2 Protein, 1 Fiber Sampling Emphasis: Equine, Beef, Misc. Complete, Swine, Goat, Calf Feed, Rabbit, Mineral HUNTERS SPECIALTIES INC, CEDAR RAPIDS, IA Samples 7 Passed 2 Percent Passed: 29% 82 Passed 59 Violations: 1 Salt, 5 Cobalt, 4 Copper, 4 Iron, 4 Manganese, Tests 3 Sodium, 1 Zinc, 1 Vitamin A Sampling Emphasis: Misc. Complete HYLAND CO INC, ASHLAND, KY Samples 14 Passed 7 Percent Passed: 50% Passed 135 Tests 142 Violations: 1 Protein, 6 Calcium Sampling Emphasis: Dry Dog Food, Dry Cat Food IAMS FOOD COMPANY, LEWISBURG, OH 
 Samples
 10
 Passed
 10
 Percent Passed:
 100%

 Tests
 104
 Passed
 104
 Violations:
 None
 Sampling Emphasis: Spec. Dog or Cat, Dry Dog Food, Canned Dog & Cat Food ICE'S PRODUCE, BARDSTOWN, KY 4 20 Samples 4 Passed Tests 20 Passed Percent Passed: 100% Violations: None Sampling Emphasis: Soybean Products, Distillers Products IMC FEED INGREDIENTS, PLYMOUTH, MN Samples 1 Passed 1 Tests 2 Passed 2 Percent Passed: 100% Violations: None Sampling Emphasis: Minerals INCOBRASA INDUSTRIES LTD, GILMAN, IL Samples 1 Passed 1 Tests 1 Passed 1 Percent Passed: 100% Violations: None Sampling Emphasis: Soybean Products INGREDIENT RESOURCE CORP. LOUISVILLE, KY Samples 2 Passed 2 Percent Passed: 100% Tests 3 Passed Violations: None 3 Sampling Emphasis: Minerals INTER AMERICAN, CINCINNATI, OH Samples 12 Passed 12 Percent Passed: 100% Tests 120 Passed 120 Violations: None Sampling Emphasis: Canned Dog & Cat Food, Spec. Pet, Dry Dog & Cat Food JABETOWN MILL, EWING, KY Samples 7 Passed 7 Percent Passed: 100% Tests 45 Passed 45 Violations: None Sampling Emphasis: Custom Mix, Oat Products J & B FARMING INC, CAMPTON, KY Samples 1 Passed Tests 9 Passed 1 Percent Passed: 100% Violations: None 9 Sampling Emphasis: Swine JEFFRIES FEED SEED & SUPPLY, CAMPBELLSVILLE, KY Samples 5 Passed 5 Percent Passed: 100% Passed 14 Tests 14 Violations: None Sampling Emphasis: Soybean Products, Distillers Products, Misc. Complete JT ENTERPRISES, MYRA, KY Samples 7 Passed 5 Percent Passed: 71% Tests 31 Passed 29 Violations: 2 Prc Violations: 2 Protein Sampling Emphasis: Gamebird, Misc. Complete

KALMBACH FEEDS INC, UPPER SANDUSKY, OH Samples 41 Passed 39 Tests 249 Passed 247 Percent Passed: 95% Violations: 1 Cobalt, 1 Vitamin A Sampling Emphasis: Equine, Dairy, Poultry, Misc. Complete, Beef, Mineral, Goat KAYTEE PRODUCTS INC, CHILTON, WI Samples 12 Passed 12 Percent Passed: 100% 43 Passed Tests 43 Violations: None Sampling Emphasis: Speciality Pet KELLY FOODS CORPORATION, BERLIN, MD Samples 1 Passed 1 Percent Passed: 100% 11 Passed 11 Violations: None Tests Sampling Emphasis: Dry Dog Food KENT FEEDS INC., MUSCATINE, IA KENT FEEDS INC., MUSCATINE, IA Samples 16 Passed 16 Percent Passed: 100% Texts 131 Passed 131 Violations: None 131 Passed 131 Violations: None Tests Sampling Emphasis: Dairy, Goat, Swine, Misc. Complete, Beef, Mineral, Drugs KENT FEEDS INC, LOUISVILLE, KY Samples 50 Passed 43 Tests 371 Passed 363 Percent Passed: 86% Violations: 5 Protein, 1 Zinc, 2 Vitamin A Sampling Emphasis: Swine, Beef, Poultry, Sheep, Dairy, Mineral, Misc. Complete, Equine KENTUCKY EQUINE RESEARCH INC, VERSAILLES, KY Samples 3 Passed 2 Tests 14 Passed 12 Percent Passed: 67% Violations: 1 Protein, 1 Weight, Net Sampling Emphasis: Speciality Horse, Equine KENTUCKY NUTRITION SERVICE, LAWRENCEBURG, KY Samples 19 Passed 19 Percent Passed: 100% 181 Tests Passed 181 Violations: None Sampling Emphasis: Corn Products, Mineral, Custom Mix KEYNES BROTHERS, LOGAN, OH Samples 2 Passed 2 Tests 6 Passed 6 Percent Passed: 100% Tests Passed Violations: None Sampling Emphasis: Wheat Products KEYS MANUFACTURING CO INC, PARIS, IL Samples 1 Passed 1 Tests 5 Passed 5 Percent Passed: 100% Violations: None Sampling Emphasis: Speciality Horse KINGSTON FARMERS EXCHANGE INC, KINGSTON, OH Samples 6 Passed 5 Percent Passed: 83% Tests 58 Passed 56 Violations: 1 Pro Violations: 1 Protein, 1 AH Fat Sampling Emphasis: Dry Dog Food K-MART CORPORATION, TROY, MI Samples 10 Passed 10 Tests 107 Passed 107 Percent Passed: 100% Violations: None Sampling Emphasis: Canned & Dry Dog & Cat Food, Speciality Pet K-9 FOODS LLC, SENECA, KS Samples 1 Passed Tests 11 Passed 0 Percent Passed: 0% Violations: 1 Calcium 10 Sampling Emphasis: Dry Dog Food KRISLIN INC, LANSING, MI Samples5Passed4Tests27Passed26 Percent Passed: 80% Violations: 1 Protein Sampling Emphasis: Speciality Pet

K-STAR COMMODITIES, GUTHRIE, KY Samples 36 Passed 35 Percent Passed: 97% Tests 306 Passed 305 Violations: 1 Salt Sampling Emphasis: Poultry, Custom Mix, Mineral, Corn Products, Oat Products
LAFEBER COMPANY, CORNELL, IL Samples 3 Passed 3 Percent Passed: 100% Tests 13 Passed 13 Violations: None Sampling Emphasis: Speciality Pet
LANDCO/DIV OF GOLDEN CROWN, POST FALLS, ID Samples 1 Passed 1 Percent Passed: 100% Tests 10 Passed 10 Violations: None Sampling Emphasis: Dry Dog Food
LAND O'LAKES PURINA FEED LLC, SHOREVIEW, MN Samples 11 Passed 11 Percent Passed: 100% Tests 77 Passed 77 Violations: None Sampling Emphasis: Beef, Poultry, Aquaculture, Dairy, Equine
LASSY PET PRODUCTS, MANKATO, MN Samples 1 Passed 1 Percent Passed: 100% Tests 10 Passed 10 Violations: None Sampling Emphasis: Dry Dog Food
LEWIS SEED CO INC, LOUISVILLE, KY Samples 1 Passed 1 Percent Passed: 100% Tests 3 Passed 3 Violations: None Sampling Emphasis: Wild Bird Food
LIFE DATA LABS INC, CHEROKEE, AL Samples 1 Passed 1 Percent Passed: 100% Tests 5 Passed 5 Violations: None Sampling Emphasis: Speciality Horse
LIVESTOCK MANAGEMENT SVC, BOWLING GREEN, KY Samples 5 Passed 2 Percent Passed: 40% Tests 54 Passed 48 Violations: 2 Calcium, 1 Cobalt, 1 Magnesium, 2 Vitamin A Sampling Emphasis: Mineral, Beef
LUTTRULL FEED SERVICE, PEMBROKE, KY Samples 7 Passed 7 Percent Passed: 100% Tests 52 Passed 52 Violations: None Sampling Emphasis: Corn Products, Custom Mix
M & M FEEDS, AUSTIN, KY Samples 2 Passed 2 Percent Passed: 100% Tests 14 Passed 14 Violations: None Sampling Emphasis: Beef
M & W MILLING COMPANY INC, COLUMBIA, KY Samples 7 Passed 4 Percent Passed: 57% Tests 40 Passed 37 Violations: 3 Protein Sampling Emphasis: Swine, Custom Mix, Goat, Calf Feed, Misc. Complete, Dairy
MANNA PRO CORPORATION, ST LOUIS, MO Samples 14 Passed 13 Percent Passed: 93% Tests 111 Passed 110 Violations: 1 Vitamin A Sampling Emphasis: Calf Feed, Equine, Rabbit, Misc. Complete, Spec. Horse, Mineral
MARSHALL PET PRODUCTS, WOLCOTT, NY Samples 3 Passed 2 Percent Passed: 67% Tests 18 Passed 15 Violations: 1 Copper, 1 Magnesium, 1 Potassium Sampling Emphasis: Speciality Pet

MASTERFOODS USA/KAL KAN, VERNON, CA Samples 8 Passed 7 Tests 89 Passed 88 Percent Passed: 88% Violations: 1 Calcium Sampling Emphasis: Canned Dog & Cat Food, Speciality Pet, Dry Dog & Cat Food MAYS LICK MILL, MAYS LICK, KY Samples 9 Passed 8 Percent Passed: 89% Tests 48 Passed 47 Violations: 1 Protein Sampling Emphasis: Custom Mix MAZELIN FEED MILL, SCOTTSVILLE, KY Samples 1 Passed 1 Percent Passed: 100% 7 Passed 7 Violations: None Tests Sampling Emphasis: Beef MCCAULEY BROS INC, VERSAILLES, KY Percent Passed: 100% Samples 24 Passed 24 Tests 136 Passed 136 Violations: None Sampling Emphasis: Equine, Custom Mix MCCUISTON MILLS INC, HERNDON, KY Samples2Passed2Tests11Passed11 Percent Passed: 100% Violations: None Sampling Emphasis: Custom Mix, Corn Products MCGAHAN & COMPANY, PAINTSVILLE, KY Samples 6 Passed 5 Percent Passed: 83% Passed Violations: 1 Vitamin A Tests 34 33 Sampling Emphasis: Swine, Beef MCRAY FEED LLC, HARRODSBURG, KY Samples 34 Passed 27 Torts 202 Passed 105 Percent Passed: 79% 202 Passed 195 Violations: 4 Protein, 2 Salt, 1 Vitamin A Tests Sampling Emphasis: Swine, Custom Mix, Misc. Complete, Dairy, Equine, Beef, Mineral, Distillers Products MEIJER INC, GRAND RAPIDS, MI Samples 6 Passed 6 Percent Passed: 100% 43 Passed Tests 43 Violations: None Sampling Emphasis: Speciality Pet, Dry Dog & Cat Food, Speciality Dog or Cat MENNEL MILLING COMPANY, FOSTORIA, OH Samples 2 Passed 2 Tests 4 Passed 4 Percent Passed: 100% Tests Violations: None Sampling Emphasis: Wheat Products MENU FOODS, PENNSAUKEN, NJ Samples 3 Passed Tests 33 Passed 3 Percent Passed: 100% 33 Violations: None Sampling Emphasis: Canned Dog Food THE MEOW MIX COMPANY, SEAUCUS, NJ Samples5Passed5Tests59Passed59 Percent Passed: 100% Violations: None Sampling Emphasis: Canned Cat Food, Dry Cat Food MERRICK PETFOODS INC. AMARILLO, TX Samples 13 Passed 11 Percent Passed: 85% Texts 146 Passed 144 Violations: 2 Provided Passed 144 Tests 146 Passed Violations: 2 Protein 144 Sampling Emphasis: Canned Dog & Car Food, Dry Dog Food MFS ALLIANCE INC, EDMONTON, KY Samples 14 Passed 14 Tests 86 Passed 86 Percent Passed: 100% Violations: None Sampling Emphasis: Custom Mix, Beef

MID-STATES DISTRIBUTING CO, ST. PAUL, MN Samples 10 Passed 9 Percent Passed: 90% Tests 107 Passed 106 Violations: 1 Weight, Net Sampling Emphasis: Speciality Dog or Cat, Dry Dog & Cat Food, Canned Dog & Cat Food
MIDWESTERN PET FOODS INC, EVANSVILLE, IN Samples 7 Passed 5 Percent Passed: 71% Tests 63 Passed 61 Violations: 1 Calcium, 1 Ash Sampling Emphasis: Dry Dog & Cat Food, Aquaculture, Speciality Dog or Cat
MILK SPECIALTIES COMPANY, DUNDEE, IL Samples 1 Passed 1 Percent Passed: 100% Tests 6 Passed 6 Violations: None Sampling Emphasis: Speciality Horse
MIRACLE CORP PRODUCTS, DAYTON, OH Samples 1 Passed 1 Percent Passed: 100% Tests 4 Passed 4 Violations: None Sampling Emphasis: Speciality Horse
MONROE BROS FEED MILL, CAVE CITY, KY Samples 10 Passed 8 Percent Passed: 80% Tests 42 Passed 40 Violations: 2 Zinc Sampling Emphasis: Cottonseed & Distillers Products, Equine
ROBT MORGAN INC, PARIS, IL Samples 1 Passed 1 Percent Passed: 100% Tests 1 Passed 1 Violations: None Sampling Emphasis: Animal Products
MOYER & SON INC, SOUDERTON, PA Samples 2 Passed 2 Percent Passed: 100% Tests 8 Passed 8 Violations: None Sampling Emphasis: Speciality Pet, Rabbit
MRS PASTURES COOKIES FOR HORSE, WALNUT CREEK, CA Samples 1 Passed 1 Percent Passed: 100% Tests 5 Passed 5 Violations: None Sampling Emphasis: Speciality Horse
MULLICAN FEED MILL, STANLEY, KY Samples 4 Passed 4 Percent Passed: 100% Tests 31 Passed 31 Violations: None Sampling Emphasis: Equine, Swine, Custom Mix
NATIONAL BY-PRODUCTS INC, DES MOINES, IA Samples 3 Passed 3 Percent Passed: 100% Tests 10 Passed 10 Violations: None Sampling Emphasis: Animal Products
NATURAL BALANCE PET FOODS INC, PACOIMA, CA Samples 5 Passed 1 Percent Passed: 20% Tests 50 Passed 46 Violations: 2 Protein, 1 Ash, 1 Weight, Net Sampling Emphasis: Speciality & Canned Dog & Cat Food
NATURAL PET NUTRITION COMPANY, WESTMINSTER, CO Samples 4 Passed 4 Percent Passed: 100% Tests 46 Passed 46 Violations: None Sampling Emphasis: Canned Dog & Cat Food, Dry Dog & Cat Food
NATURA PET PRODUCTS, SAN JOSE, CA Samples 7 Passed 6 Percent Passed: 86% Tests 75 Passed 74 Violations: 1 Ash Sampling Emphasis: Speciality & Canned Dog & Cat Food, Dry Dog Food

NATURES RECIPE PET FOODS, PITTSBUR Samples 7 Passed 7 Tests 83 Passed 83 Sampling Emphasis: Canned Dog Fo	Percent Passed: Violations:	100% None
NESTLE PURINA PETCARE CO, ST LOUIS, Samples 14 Passed 14 Tests 141 Passed 141 Sampling Emphasis: Dry Cat & Dog	Percent Passed: Violations:	100% None
NEW ENERGY CORP, SOUTH BEND, IN Samples 14 Passed 14 Tests 138 Passed 138 Sampling Emphasis: Distillers Produ	Violations:	100% None
NEWMANS OWN ORGANICS, APTOS, CA Samples 7 Passed 7 Tests 65 Passed 65 Sampling Emphasis: Canned Dog &	Percent Passed: Violations:	100% None ality Dog or Cat
NORTH AMERICAN SALT CO, OVERLANE Samples 1 Passed 1 Tests 3 Passed 3 Sampling Emphasis: Minerals	Percent Passed:	100% None
NORTH AMERICAN NUTRITION CO, LEW Samples 27 Passed 27 Tests 174 Passed 174 Sampling Emphasis: Swine, Mineral,	Percent Passed: Violations:	100% None
NUTRA BLEND CORP, NEOSHO, MO Samples 2 Passed 1 Tests 10 Passed 5 Sampling Emphasis: Mineral		
NUNN MILLING COMPANY INC, EVANSV Samples 5 Passed 4 Tests 45 Passed 44 Sampling Emphasis: Dry Dog Food	Percent Passed:	80% 1 Protein
NUTRO PRODUCTS INC, CITY OF INDUS Samples 15 Passed 15 Tests 163 Passed 163 Sampling Emphasis: Canned Dog &	Percent Passed: Violations:	100% None
NUTRI-VET NUTRITIONALS, BOISE, ID Samples 1 Passed 1 Tests 2 Passed 2 Sampling Emphasis: Speciality Hors	Violations:	100% None
OCEAN NUTRITION, SALT LAKE CITY, UT Samples 3 Passed 2 Tests 14 Passed 13 Sampling Emphasis: Speciality Pet	Percent Passed:	67% 1 Weight, Net
ODOM LIVESTOCK SUPPLY, MAYFIELD, K Samples 9 Passed 8 Tests 52 Passed 51 Sampling Emphasis: Misc. Complete	Percent Passed: Violations:	89% 1 Zinc I, Corn Products
OHIO PET FOODS INC, LISBON, OH Samples 4 Passed 4 Tests 37 Passed 37 Sampling Emphasis: Dry Dog Food,	Violations:	

OLD MOTHER HUBBARD DOG FOOD, CHELMSFORD, MA Samples 14 Passed 10 Percent Passed: 71% Tests 137 Passed 132 Violations: 2 Protein, 2 AH Fat, 1 Ash Sampling Emphasis: Speciality & Canned Dog or Cat, Dry Cat Food	
OLD WEST PET TREATS, OMAHA, NE Samples 1 Passed 1 Percent Passed: 100% Tests 4 Passed 4 Violations: None Sampling Emphasis: Speciality Dog or Cat	
ORCHARD SWEETS INC, WOLCOTT, NY Samples 1 Passed 1 Percent Passed: 100% Tests 2 Passed 2 Violations: None Sampling Emphasis: Speciality Horse	
ORSCHELN FARM & HOME, MOBERLY, MO Samples 10 Passed 7 Percent Passed: 70% Tests 53 Passed 49 Violations: 2 Protein, 1 Zinc, 1 Vitamin A Sampling Emphasis: Equine, Goat, Rabbit, Misc. Complete, Sheep, Corn Products	L
OURPET'S COMPANY, FAIRPORT HARBOR, OH Samples 2 Passed 2 Percent Passed: 100% Tests 6 Passed 6 Violations: None Sampling Emphasis: Speciality Dog or Cat	
OUTDOOR ADVENTURES/THE FEEDMIL, BRANDENBURG, KY Samples 1 Passed 1 Percent Passed: 100% Tests 1 Passed 1 Violations: None Sampling Emphasis: Beef	
OWENSBORO GRAIN CO INC, OWENSBORO, KY Samples 58 Passed 58 Percent Passed: 100% Tests 58 Passed 58 Violations: None Sampling Emphasis: Soybean Products	
PACIFIC COAST DISTRIBUTING, PHOENIX, AZ Samples 20 Passed 20 Percent Passed: 100% Tests 170 Passed 170 Violations: None Sampling Emphasis: Canned Dog & Cat Food, Dry Dog Food, Speciality Pet	
PARAGON PERFORMANCE PRODUCTS, SUN VALLEY, CA Samples 1 Passed 1 Percent Passed: 100% Tests 6 Passed 6 Violations: None Sampling Emphasis: Speciality Horse	
PAW TREATS, FRANKFORT, KY Samples 1 Passed 0 Percent Passed: 0% Tests 4 Passed 3 Violations: 1 Weight, Net Sampling Emphasis: Speciality Dog or Cat	
PECK'S FARM SUPPLY, SHARPSBURG, KY Samples 1 Passed 1 Percent Passed: 100% Tests 2 Passed 2 Violations: None Sampling Emphasis: Beef	
PERDUE FARMS INC, LEWISTON WOODVILLE, NC Samples 1 Passed 1 Percent Passed: 100% Tests 2 Passed 2 Violations: None Sampling Emphasis: Animal Products	
PENNFIELD ANIMAL HEALTH, OMAHA, NE Samples 2 Passed 2 Percent Passed: 100% Tests 2 Passed 2 Violations: None Sampling Emphasis: Drugs	

PENNWOODS EQUINE PRODUCTS INC, CENTRE H, Samples 1 Passed 0 Tests 3 Passed 2 Sampling Emphasis: Speciality Horse	ALL, PA Percent Passed: Violations:	0% 1 Phosphorus
PERFORMANCE FEEDS, RED BOILING SPGS, TN Samples 2 Passed 2 Tests 14 Passed 14 Sampling Emphasis: Beef	Percent Passed: Violations:	100% None
PERKINS FEED & FARM SUPPLY, PINE KNOT, KY Samples 2 Passed 2 Tests 8 Passed 8 Sampling Emphasis: Beef	Percent Passed: Violations:	100% None
PET GOODS MFG & IMPORTS, DAHLONEGA, GA Samples 1 Passed 0 Tests 5 Passed 3 Sampling Emphasis: Speciality Dog or Cat	Percent Passed: Violations:	
PET-AG INC, HAMPSHIRE, IL Samples 5 Passed 5 Tests 25 Passed 25 Sampling Emphasis: Speciality Dog or Cat, Spe	Percent Passed: Violations: eciality Horse	100% None
PETCO ANIMAL SUPPLIES INC., SAN DIEGO, CA Samples 5 Passed 3 Tests 57 Passed 55 Sampling Emphasis: Canned Cat & Dog Food	Percent Passed: Violations:	
PETGUARD INC, GREEN COVE SPGS, FL Samples 5 Passed 3 Tests 60 Passed 58 Sampling Emphasis: Dry & Canned Dog & Cat	Percent Passed: Violations: Food	60% 1 Protein, 1 Ash
PET FOOD CONSULTANTS LLC, VANDALIA, MO Samples 2 Passed 0 Tests 24 Passed 22 Sampling Emphasis: Dry Dog Food	Percent Passed: Violations:	
PETRAPPORT INC, CARLISTADT, NJ Samples 3 Passed 3 Tests 9 Passed 9 Sampling Emphasis: Speciality Dog or Cat	Percent Passed: Violations:	100% None
PFIZER INC/JOHN B BAKER, LINCOLN, NE Samples 1 Passed 1 Tests 1 Passed 1 Sampling Emphasis: Speciality Horse	Percent Passed: Violations:	
PHARMACIA & UPJOHN CO, KALAMAZOO, MI Samples 2 Passed 2 Tests 2 Passed 2 Sampling Emphasis: Drugs	Percent Passed: Violations:	100% None
PHELPS INDUSTRIES LLC, WAKEFIELD, MA Samples 1 Passed 1 Tests 3 Passed 3 Sampling Emphasis: Speciality Dog or Cat	Percent Passed: Violations:	100% None
PHIBRO ANIMAL HEALTH, RIDGEFIELD PARK, NJ Samples 4 Passed 4 Tests 4 Passed 4 Sampling Emphasis: Drugs	Percent Passed: Violations:	100% None

BOBBY LEE PHILLIPS, CAMPBELLSVILLE, KY Samples 3 Passed 1 Tests 17 Passed 15 Sampling Emphasis: Beef	Percent Passed: Violations:	
PLEASANT VIEW FARMS AGRI SVCS, AUBURN, KY Samples 2 Passed 2 Tests 2 Passed 2 Sampling Emphasis: Soybean Products	Percent Passed: Violations:	
PMI NUTRITION INC, BRENTWOOD, MO Samples 4 Passed 4 Tests 44 Passed 44 Sampling Emphasis: Dry Dog & Cat Food	Percent Passed: Violations:	100% None
POPULAR PET PRODUCTS INC, EDINA, MN Samples 1 Passed 0 Tests 4 Passed 3 Sampling Emphasis: Speciality Dog or Cat	Percent Passed: Violations:	
PREMIER FEED COMPANY, WILMINGTON, OH Samples 1 Passed 1 Tests 4 Passed 4 Sampling Emphasis: Mineral	Percent Passed: Violations:	
PREMIUM NUTRITION PRODUCTS, MISSION, KS Samples 4 Passed 4 Tests 16 Passed 16 Sampling Emphasis: Speciality Pet	Percent Passed: Violations:	
PRETTY BIRD INTL INC, STACY, MN Samples 3 Passed 2 Tests 11 Passed 10 Sampling Emphasis: Speciality Pet	Percent Passed: Violations:	
PRODUCERS RICE MILL INC, STUTTGART, AR Samples 2 Passed 2 Tests 11 Passed 11 Sampling Emphasis: Misc. Complete	Percent Passed: Violations:	
PROFESSIONAL PET CO, META, MO Samples 4 Passed 3 Tests 49 Passed 48 Sampling Emphasis: Dry Dog & Cat Food	Percent Passed: Violations:	
PRO-PET LLC, ST MARYS, OH Samples 10 Passed 10 Tests 104 Passed 104 Sampling Emphasis: Canned Dog Food, Dry Do	Percent Passed: Violations: og & Cat Food	100% None
PRODUCER FEEDS, LOUISVILLE, KY Samples 31 Passed 29 Tests 174 Passed 172 Sampling Emphasis: Swine, Equine, Calf Feed, I	Percent Passed: Violations: Mineral, Poultry, Mi	1 Protein, 1 Vitamin A
PROFILE NUTRITION, N ARDEN HILLS, MN Samples 3 Passed 3 Tests 20 Passed 20 Sampling Emphasis: Misc. Complete, Gamebirg	Percent Passed: Violations: d, Equine	
PROGRESSIVE NUTRITION, LEWISBURG, OH Samples 2 Passed 2 Tests 13 Passed 13 Sampling Emphasis: Fats & Oils, Equine	Percent Passed: Violations:	

PURINA MILLS INC, ST. LOUIS, MO PURINA MILLS INC, ST. LOUIS, MO Samples 32 Passed Tests 257 Passed 30 Percent Passed: 94% 255 Violations: 1 Protein, 1 Magnesium Sampling Emphasis: Equine, Dairy, Swine, Mineral, Blocks, Beef, Calf Feed PURINA MILLS INC, FRANKFORT, IN Samples 9 Passed 8 Percent Passed: 89% Tests 58 Passed 57 Violations: 1 Protein Sampling Emphasis: Equine, Swine, Beef, Poultry PURINA MILLS INC, NASHVILLE, TN Samples 40 Passed 34 Percent Passed: 85% Passed 205 Violations: 6 Protein Tests 211 Sampling Emphasis: Swine, Calf Feed, Poultry, Equine, Dairy, Scratch PURINA MILLS, EVANSVILLE, IN Samples 4 Passed 2 Percent Passed: 50% 45 Passed Violations: 2 Cobalt Tests 43 Sampling Emphasis: Mineral PURINA MILLS INC, VANDALIA, IL Samples 5 Passed 5 Tests 32 Passed 32 Percent Passed: 100% Violations: None 32 Sampling Emphasis: Beef, Poultry PURINA MILLS INC, MILFORD, IN Samples 3 Passed 2 Tests 13 Passed 12 Percent Passed: 67% Violations: 1 Protein Sampling Emphasis: Poultry, Misc. Complete PURINA MILLS INC, RICHMOND, IN Samples 1 Passed 1 Tests 5 Passed 5 Percent Passed: 100% Violations: None Sampling Emphasis: Equine PYCO INDUSTRIES, LUBBOCK, TX Samples 1 Passed Percent Passed: 100% 1 Passed Violations: None Tests 3 3 Sampling Emphasis: Cottonseed Products QUALITY FEED CO, VERSAILLES, KY Samples 1 Passed Tests 7 Passed Percent Passed: 100% 1 7 Violations: None Sampling Emphasis: Equine RAGLAND MILLS INC, NEOSHO, MO 3 Samples 3 Passed Tests 27 Passed Percent Passed: 100% 27 Violations: None Sampling Emphasis: Mineral, Blocks RATLIFF COUNTRY BOY FARM SUPP, ALLEN, KY Samples 2 Passed 1 Tests 10 Passed 9 Percent Passed: 50% Violations: 1 Zinc Sampling Emphasis: Poultry, Equine REDBARN PET PRODUCTS INC, LONG BEACH, CA Samples 4 Passed 3 Percent Passed: 75% Passed 23 Tests 24 Violations: 1 Protein Sampling Emphasis: Semi-Moist Dog Food, Speciality Dog or Cat REDMOND MINERALS INC, REDMOND, UT Percent Passed: 0% Samples 1 Passed 0 Tests 8 Passed 5 Violations: 1 Copper, 1 Manganese, 1 Zinc Sampling Emphasis: Minerals

REPUBLIC MILLS INC, O Samples 1 Tests 1 Sampling Emphasis	Passed 1 Passed 1	Percent Passed: Violations:	
RICELAND FOODS, STU Samples 2 Tests 5 Sampling Emphasis	Passed 2 Passed 5	Percent Passed: Violations:	
RICHDEL INC, CARSON Samples 3 Tests 9 Sampling Emphasis	Passed 2 Passed 8	Percent Passed: Violations:	
RIP'S FARM CENTER, TO Samples 28 Tests 154 Sampling Emphasis	LLESBORO, KY Passed 26 Passed 152 :: Misc. Complete, Custom I	Percent Passed: Violations: Mix, Equine	
RISSLER BROS, WEST LII Samples 5 Tests 22 Sampling Emphasis	Passed 1 Passed 18	Percent Passed: Violations:	
ALLEN ROBERTSON CO Samples 16 Tests 119 Sampling Emphasis	INC, LOUISVILLE, KY Passed 15 Passed 118 :: Poultry, Swine, Beef, Cust		1 Phosphorus
ROUDYBUSH INC, WOC Samples 1 Tests 5 Sampling Emphasis	Passed 1 Passed 5	Percent Passed: Violations:	
ROSE ACRE FARMS, SEY Samples 12 Tests 15 Sampling Emphasis	/MOUR, IN Passed 12 Passed 15 :: Misc., Soybean Products	Percent Passed: Violations:	
ROYAL CANIN USA INC, Samples 5 Tests 58 Sampling Emphasis	, ST CHARLES, MO Passed 5 Passed 58 s: Dry Dog & Cat Food	Percent Passed: Violations:	
ROYAL WING INC, GRAN Samples 2 Tests 4 Sampling Emphasis	Passed 2 Passed 4	Percent Passed: Violations:	
RUCKELS FARM SUPPLY Samples 20 Tests 120 Sampling Emphasis	Passed 19 Passed 119	Percent Passed: Violations: og Food, Misc. Comp	
RUCKELS FARM SUPPLY Samples 9 Tests 51 Sampling Emphasis	1, GLASGOW, KY Passed 9 Passed 51 1: Beef, Misc. Complete	Percent Passed: Violations:	
RUDYS FARM CENTER, F Samples 10 Tests 77 Sampling Emphasis	KEVIL, KY Passed 6 Passed 73 :: Poultry, Mineral, Blocks, C		60% 1 Protein, 1 Copper, 2 Vitamin A

RURAL KING, MATTOON, IL Samples 3 Passed 2 Tests 12 Passed 11 Sampling Emphasis: Poultry, Rabbit	Percent Passed: Violations:	67% 1 Protein
RUSH DIRECT INC, WOOD DALE, IL Samples 1 Passed 1 Tests 3 Passed 3 Sampling Emphasis: Speciality Dog or Cat	Percent Passed: Violations:	100% None
RUSSELL COUNTY FEED MILL, RUSSELL SPGS, KY Samples 7 Passed 7 Tests 42 Passed 42 Sampling Emphasis: Custom Mix, Poultry, Beef	Percent Passed: Violations:	100% None
SAVE-A-LOT FOOD STORES INC, EARTH CITY, MO Samples 6 Passed 6 Tests 68 Passed 68 Sampling Emphasis: Canned Cat & Dog Food	Percent Passed: Violations:	100% None
SCHELL & KAMPETER, ST THOMAS, MO Samples 5 Passed 2 Tests 52 Passed 49 Sampling Emphasis: Dry Cat & Dog Food	Percent Passed: Violations:	40% 3 Calcium
SCHOCHOH MILLS INC, ADAIRVILLE, KY Samples 2 Passed 2 Tests 17 Passed 17 Sampling Emphasis: Custom Mix	Percent Passed: Violations:	100% None
SCIENCE HILL MILLING CO, SCIENCE HILL, KY Samples 11 Passed 7 Tests 75 Passed 71 Sampling Emphasis: Distillers Products, Swine,	Percent Passed: Violations: Beef, Equine	64% 4 Protein
SCOTT PET PRODUCTS, ROCKVILLE, IN Samples 4 Passed 4 Tests 12 Passed 12 Sampling Emphasis: Speciality Dog or Cat	Percent Passed: Violations:	100% None
STOKES NATURE CP, FARGO, ND Samples 1 Passed 1 Tests 3 Passed 3 Sampling Emphasis: Speciality Pet	Percent Passed: Violations:	100% None
SERGEANTS PET CARE PRODUCTS, OMAHA, NE Samples 6 Passed 6 Tests 27 Passed 27 Sampling Emphasis: Speciality Dog or Cat & Pe	Percent Passed: Violations: t	100% None
SIEMER ENTERPRISES INC, TEUTOPOLIS, IL Samples 3 Passed 2 Tests 8 Passed 7 Sampling Emphasis: Wild Bird Food	Percent Passed: Violations:	67% 1 Crude Fat
SIEMER MILLING COMPANY, HOPKINSVILLE, KY Samples 8 Passed 8 Tests 29 Passed 29 Sampling Emphasis: Wheat Products	Percent Passed: Violations:	100% None
SLIGO FEED MILL, PENDLETON, KY Samples 4 Passed 4 Tests 27 Passed 27 Sampling Emphasis: Misc. Complete	Percent Passed: Violations:	100% None

S & M NUTEC LLC, N KANSAS CITY, MO Samples 1 Passed 1 Tests 7 Passed 7 Sampling Emphasis: Speciality Dog or Cat	Percent Passed: Violations:	
SMITH SOUTH SIDE FEED & GRAIN, BOWLING GREEN Samples 3 Passed 3 Tests 20 Passed 20 Sampling Emphasis: Custom Mix	N, KY Percent Passed: Violations:	
SOLID GOLD HEALTH PRODUCTS, EL CAJON, CA Samples 8 Passed 5 Tests 78 Passed 75 Sampling Emphasis: Canned & Dry Dog Food, Sp	Percent Passed: Violations: peciality Dog or Ca	2 Calcium, 1 Ash
SOURCE INC, N BRANFORD, CT Samples 3 Passed 3 Tests 19 Passed 19 Sampling Emphasis: Speciality Horse	Percent Passed: Violations:	
SOUTHEASTERN WHOLESALERS INC, BARBOURVILLE Samples 6 Passed 6 Tests 24 Passed 24 Sampling Emphasis: Beef, Corn Products	E, KY Percent Passed: Violations:	100% None
SOUTHERN COTTON OIL CO, DECATUR, IL Samples 9 Passed 8 Tests 21 Passed 20 Sampling Emphasis: Cottonseed Products	Percent Passed: Violations:	
S S CLARK COOP, WINCHESTER, KY Samples 1 Passed 1 Tests 6 Passed 6 Sampling Emphasis: Custom Mix	Percent Passed: Violations:	
S S TODD SVC, ELKTON, KY Samples 3 Passed 3 Tests 15 Passed 15 Sampling Emphasis: Custom Mix, Corn Products	Percent Passed: Violations:	
S S FLEMINGSBURG, FLEMINGSBURG, KY Samples 7 Passed 7 Tests 41 Passed 41 Sampling Emphasis: Custom Mix, Misc. Complete	Percent Passed: Violations: e	100% None
S S GEORGETOWN, GEORGETOWN, KY Samples 5 Passed 5 Tests 23 Passed 23 Sampling Emphasis: Custom Mix, Corn Products	Percent Passed: Violations:	
S S BRECK, HARDINSBURG, KY Samples 5 Passed 5 Tests 15 Passed 15 Sampling Emphasis: Beef, Corn Products	Percent Passed: Violations:	
S S CNTRL KY SVC HARRDSBRG, HARRODSBURG, KY Samples 1 Passed 1 Tests 4 Passed 4 Sampling Emphasis: Beef	Percent Passed: Violations:	100% None
SSCINC-KENTUCKIANA SV, EMINENCE, KY Samples 1 Passed 1 Tests 6 Passed 6 Sampling Emphasis: Custom Mix	Percent Passed: Violations:	

SS HARDIN COOP HODGENVILLE BRA, HODGENVILLE, KY Samples 14 Passed 14 Percent Passed: 100% Tests 60 Passed 60 Violations: None Sampling Emphasis: Dairy, Distillers & Corn Products S S HOPKINSVILLE, HOPKINSVILLE, KY Samples 5 Percent Passed: 80% Passed 4 35 Passed Violations: 1 Protein Tests 34 Sampling Emphasis: Swine, Beef S S LEITCHFIELD, LEITCHFIELD, KY Samples 11 Passed Q Percent Passed: 82% 61 Passed 59 Violations: 2 Protein Tests Sampling Emphasis: Beef, Swine, Corn Products S S LEXINGTON - PARIS BR, PARIS, KY Samples 5 Passed 4 Percent Passed: 80% Passed Violations: 1 Protein Tests 23 22 Sampling Emphasis: Custom Mix S S LONDON, LONDON, KY 1 Percent Passed: 100% Samples 1 Passed Passed Violations: None Tests 5 5 Sampling Emphasis: Beef S S MAYSVILLE, MAYSVILLE, KY Samples 5 Percent Passed: 100% Passed 5 Tests 25 Passed 25 Violations: None Sampling Emphasis: Corn Products, Custom Mix, Dairy S S OWENTON, OWENTON, KY 2 Samples 2 Passed Percent Passed: 100% 10 Passed 10 Violations: None Tests Sampling Emphasis: Custom Mix S S OWINGSVILLE SVC, OWINGSVILLE, KY Samples 7 Passed 7 Percent Passed: 100% Tests 41 Passed 41 Violations: None Sampling Emphasis: Corn Products, Custom Mix S S STANFORD SERVICE, STANFORD, KY Percent Passed: 100% Samples 1 Passed 1 6 Passed Violations: None Tests 6 Sampling Emphasis: Beef S S COOP INC, RICHMOND, VA S S COOP INC, RICHMOND, VA Samples 18 Passed 16 Percent Passed: 89% 97 Passed Violations: 1 Protein, 1 Copper, 1 Iron, 1 Magnesium, Tests 92 1 Manganese Sampling Emphasis: Calf Feed, Beef, Misc. Complete, Aquaculture, Mineral, Liquid Feed S. S. COOP INC, PARK CITY, KY Percent Passed: 93% Samples 29 Passed 27 244 Violations: 2 Protein Tests Passed 242 Sampling Emphasis: Blocks, Poultry S S COOP INC - FEED DIV, WINCHESTER, KY Samples 199 Passed 189 Percent Passed: 95% Passed 1.339 Violations: 5 Protein, 2 Acid Detergent Fiber, 1 Cobalt, Tests 1.350 2 Zinc, 1 Vitamin A Sampling Emphasis: Goat, Dairy, Poultry, Calf Feed, Equine, Swine, Mineral, Beef, Gamebird SPARTAN GRAIN & FEED CO, ST LOUIS, MO Samples 1 Percent Passed: 0% Passed 0 Tests 4 Passed 3 Violations: 1 Protein Sampling Emphasis: Gamebird

TATE & LYLE MANUFACTURING CO, DECATUR, IL TATE & LYLE MANUFACTURING CO, DECATUR, IL Samples 1 Passed 1 Tests 1 Passed 1 Sampling Emphasis: Corn Products	Percent Passed: Violations:	100% None		
A E STALEY MFG CO, LOUDON, TN Samples 9 Passed 9 Tests 67 Passed 67 Sampling Emphasis: Corn Products	Percent Passed: Violations:	100% None		
STAR HORSE PRODUCTS INC, RIDGELAND, MS Samples 1 Passed 0 Tests 10 Passed 8 Sampling Emphasis: Speciality Horse	Percent Passed: Violations:	0% 1 Protein, 1 Magnesium		
STEWARTS FARM SUPPLY, BROOKSVILLE, KY Samples 7 Passed 6 Tests 41 Passed 40 Sampling Emphasis: Misc. Complete, Beef	Percent Passed: Violations:	86% 1 Protein		
STUD MUFFINS, CANADA Samples 1 Passed 1 Tests 6 Passed 6 Sampling Emphasis: Speciality Horse	Percent Passed: Violations:	100% None		
LESTER STUTZMAN FEED MILL, MARION, KY Samples 4 Passed 4 Tests 21 Passed 21 Sampling Emphasis: Custom Mix, Misc. Complet	Percent Passed: Violations: te, Poultry, Beef	100% None		
SUMMERSVILLE FEED MILL, SUMMERSVILLE, KY Samples 6 Passed 6 Tests 28 Passed 28 Sampling Emphasis: Custom Mix, Beef, Corn Pro	Percent Passed: Violations: oducts	100% None		
SUN SEED CO INC, BOWLING GREEN, OH Samples 10 Passed 9 Tests 57 Passed 55 Sampling Emphasis: Speciality Pet, Speciality He	Percent Passed: Violations: prse	90% 1 Protein, 1 Crude Fat		
SUNSHINE MILLS INC, RED BAY, AL Samples 11 Passed 11 Tests 80 Passed 80 Sampling Emphasis: Speciality & Dry Dog or Cat	Percent Passed: Violations:	100% None		
SUN VALLEY FEED MILL, BROWNSVILLE, KY Samples 4 Passed 4 Tests 30 Passed 30 Sampling Emphasis: Custom Mix, Dairy, Swine	Percent Passed: Violations:	100% None		
SUPREME MILLS, GLASGOW, KY Samples 18 Passed 18 Tests 152 Passed 152 Sampling Emphasis: Blocks, Mineral, Minerals	Percent Passed: Violations:	100% None		
SUPREME PET PRODUCTS, FERNDALE, WA Samples 3 Passed 2 Tests 17 Passed 16 Sampling Emphasis: Speciality Pet	Percent Passed: Violations:	67% 1 Protein		
SWEETLIX LLC/HUBBARD FEEDS, MANKATO, MN Samples 14 Passed 10 Tests 121 Passed 111 Sampling Emphasis: Blocks, Mineral, Molasses	Percent Passed: Violations:	71% 1 Protein, 1 Calcium, 2 Copper, 1 Iron, 1 Magnesium, 3 Zinc, 1 Vitamin A		

TAPPS FEED & FARM SUPPLY, SHELBYVILLE, KY Samples 7 Passed 5 Tests 37 Passed 35 Sampling Emphasis: Custom Mix, Equine	Percent Passed: Violations:	71% 1 Protein, 1 Crude Fiber
TARGET CORPORATION, MINNEAPOLIS, MN Samples 4 Passed 4 Tests 32 Passed 32 Sampling Emphasis: Speciality & Dry Dog or Cat	Percent Passed: Violations:	
G M TAYLOR SEED CO, GEORGETOWN, KY Samples 5 Passed 5 Tests 20 Passed 20 Sampling Emphasis: Equine, Wheat Products, Be	Percent Passed: Violations: eef	
TEDS FEED STORE, MIDDLESBORO, KY Samples 2 Passed 2 Tests 8 Passed 8 Sampling Emphasis: Poultry, Gamebird	Percent Passed: Violations:	
TENNESSEE FARMERS COOPERATIVE, LAVERGNE, TN Samples 6 Passed 6 Tests 54 Passed 54 Sampling Emphasis: Dry Dog Food, Beef, Equine	Percent Passed: Violations:	
TETRA HOLDING (US)/TETRA WERKE, BLACKSBURG, Samples 2 Passed 2 Tests 10 Passed 10 Sampling Emphasis: Speciality Pet	VA Percent Passed: Violations:	
T & H FEED SERVICE, LEBANON, KY Samples 4 Passed 4 Tests 27 Passed 27 Sampling Emphasis: Beef, Mineral	Percent Passed: Violations:	
THREE DOG BAKERY, KANSAS CITY, MO Samples 4 Passed 4 Tests 18 Passed 18 Sampling Emphasis: Speciality Dog or Cat	Percent Passed: Violations:	
TIZWHIZ SALES LTD, SOUTH CHARLESTON, OH Samples 8 Passed 7 Tests 59 Passed 57 Sampling Emphasis: Equine	Percent Passed: Violations:	
TRACTOR SUPPLY COMPANY, BRENTWOOD, TN Samples 40 Passed 37 Tests 341 Passed 338 Sampling Emphasis: Blocks, Poultry, Equine, Dai		2 Protein, 1 Iron
T-REX PRODUCTS, CHULA VISTA, CA Samples 2 Passed 2 Tests 9 Passed 9 Sampling Emphasis: Speciality Pet	Percent Passed: Violations:	
TRI-COUNTY FEEDS, LIBERTY, KY Samples 6 Passed 6 Tests 29 Passed 29 Sampling Emphasis: Swine, Distillers Products, E	Percent Passed: Violations: Beef	
TRIPLE CROWN NUTRITION INC, WAYZATA, MN Samples 6 Passed 5 Tests 48 Passed 47 Sampling Emphasis: Barley Products, Equine	Percent Passed: Violations:	

TRI STATE PACKAGING CO, WOOSTER, OH     Samples   4   Passed   4   Percent Passed:     Tests   21   Passed   21   Violations:     Sampling Emphasis: Wheat, Animal & Distillers Products	100% None
TRM IRELAND INC, RAVENNA, OH     Samples   1   Passed   1   Percent Passed:     Tests   5   Passed   5   Violations:     Sampling Emphasis: Speciality Horse   1   Speciality Horse   1	100% None
TURNER SEED INC, LAVERGNE, TN Samples 1 Percent Passed:   Tests 1 Passed 1 Violations:   Sampling Emphasis: Speciality Pet Violations: Violations:	100% None
TUGGLE FEEDS, HARRODSBURG, KY Samples 1 Percent Passed:   Tests 7 Passed 7 Violations:   Sampling Emphasis: Custom Mix Violations: Violations:	100% None
TWO RIVERS INC, DRAKESBORO, KY     Samples   5   Passed   5   Percent Passed:     Tests   20   Passed   20   Violations:     Sampling Emphasis: Wild Bird Food, Misc. Complete, Scratch	100% None
UNITED SALT CORP/KATHY DUBIEL, HOUSTON, TX Samples 1 Passed 0 Percent Passed: Tests 7 Passed 6 Violations: Sampling Emphasis: Minerals	0% 1 Salt
JBS UNITED INC, SHERIDAN, IN Samples 3 Passed 3 Percent Passed: Tests 20 Passed 20 Violations: Sampling Emphasis: Swine	100% None
US DURUM MILLING INC, ST LOUIS, MO Samples 2 Passed 2 Percent Passed: Tests 3 Passed 3 Violations: Sampling Emphasis: Wheat Products	100% None
VALLEY FARM CENTER INC, MONTICELLO, KY Samples 1 Passed 0 Percent Passed: Tests 6 Passed 5 Violations: Sampling Emphasis: Beef	0% 1 Protein
VALLEY SPLENDOR, FARGO, ND Samples 3 Passed 2 Percent Passed: Tests 8 Passed 7 Violations: Sampling Emphasis: Speciality Pet	67% 1 Crude Fat
VALLEY GRAIN/AZTECA MILLING LP, HENDERSON, KY Samples 3 Passed 3 Percent Passed: Tests 13 Passed 13 Violations: Sampling Emphasis: Corn Products	100% None
VET-A-MIX INC, SHENANDOAH, IA Samples 1 Passed 1 Percent Passed: Tests 4 Passed 4 Violations: Sampling Emphasis: Speciality Horse	100% None
VETERINARY PRESCRIPTION FEEDS, MAYFIELD, KY Samples 1 Passed 1 Percent Passed: Tests 10 Passed 10 Violations: Sampling Emphasis: Dry Dog Food	100% None

VIGORTONE AG PRODUCTS INC, LEWISBURG, O Samples 1 Passed 1 Tests 9 Passed 9 Sampling Emphasis: Mineral	H Percent Passed: Violations:	
VIRBAC AH INC, FORT WORTH, TX Samples 1 Passed 1 Tests 1 Passed 1 Sampling Emphasis: Speciality Dog or Cat	Percent Passed: Violations:	
VITA FLEX NUTRITION CO INC, COUNCIL BLUFF, Samples 2 Passed 2 Tests 13 Passed 13 Sampling Emphasis: Speciality Horse	IA Percent Passed: Violations:	
VITAKRAFT PET PRODUCTS CO INC, BOUND BRO Samples 6 Passed 2 Tests 30 Passed 22 Sampling Emphasis: Speciality Pet	Percent Passed:	33% 2 Protein, 2 Copper, 2 Manganese, 2 Zinc
VITA PLUS CORPORATION, MADISON, WI Samples 1 Passed 1 Tests 1 Passed 1 Sampling Emphasis: Drugs	Percent Passed: Violations:	
VITA POWER LTD, NEW ZEALAND 5021 Samples 1 Passed 1 Tests 2 Passed 2 Sampling Emphasis: Speciality Horse	Percent Passed: Violations:	
WAGNER'S LLC, PURCHASE, NY Samples 2 Passed 0 Tests 9 Passed 7 Sampling Emphasis: Speciality Pet	Percent Passed: Violations:	0% 2 Crude Fat
WALMART STORES INC, BENTONVILLE, AR Samples 12 Passed 12 Tests 138 Passed 138 Sampling Emphasis: Canned Cat & Dog Foo	Percent Passed: Violations: d, Dry Dog Food	
WARNER FERTILIZER CO, NANCY, KY Samples 1 Passed 1 Tests 6 Passed 6 Sampling Emphasis: Calf Feed	Percent Passed: Violations:	
W C MILLING LLC, SEAMAN, OH Samples 1 Passed 0 Tests 4 Passed 3 Sampling Emphasis: Gamebird	Percent Passed: Violations:	
WEIS MARKETS INC, SUNBURY, PA Samples 7 Passed 6 Tests 67 Passed 66 Sampling Emphasis: Canned Cat & Dog Foo	Percent Passed: Violations: d, Speciality Dog or Ca	1 Protein
WELLS PET FOODS CORP, MONMOUTH, IL Samples 4 Passed 4 Tests 34 Passed 34 Sampling Emphasis: Dry Dog Food	Percent Passed: Violations:	
WEST CENTRAL COOPERATIVE, RALSTON, IA Samples 1 Passed 1 Tests 7 Passed 7 Sampling Emphasis: Soybean Products	Percent Passed: Violations:	

WESTWAY TRADING/KELLY LONG, NEW ORLE, Samples 4 Passed 3 Tests 32 Passed 29 Sampling Emphasis: Molasses, Blocks	Percent Passed:	75% 1 Iron, 1 Manganese, 1 Zinc
WESTWAY TRADING CORP, CINCINNATI, OH Samples 1 Passed 1 Tests 5 Passed 5 Sampling Emphasis: Molasses	Percent Passed: Violations:	
WHOLE FOODS MARKET, AUSTIN, TX Samples 5 Passed 5 Tests 47 Passed 47 Sampling Emphasis: Canned Dog & Cat Fo	Percent Passed: Violations: pod	
WILD BIRDS UNLIMITED INC, CARMEL, IN Samples 2 Passed 2 Tests 5 Passed 5 Sampling Emphasis: Speciality Pet	Percent Passed: Violations:	
WILDFLOWER HORSE TREATS, CHATHAM, NY Samples 2 Passed 1 Tests 8 Passed 7 Sampling Emphasis: Speciality Horse	Percent Passed: Violations:	50% 1 Protein
WILLARD MILLING, INC, WILLARD, KY Samples 21 Passed 15 Tests 227 Passed 221 Sampling Emphasis: Dry Dog Food, Corn I	Percent Passed: Violations: Products	
WILSON FARM SUPPLY INC, NANCY, KY Samples 2 Passed 2 Tests 5 Passed 5 Sampling Emphasis: Soybean & Distillers f	Percent Passed: Violations: Products	
WINCHESTER FEED & SUPPLY INC, WINCHEST Samples 14 Passed 12 Tests 84 Passed 82 Sampling Emphasis: Misc. Complete, Beef	Percent Passed: Violations:	2 Protein
WOLCOTT FARMS INC, WILLOWS, CA Samples 1 Passed 1 Tests 6 Passed 6 Sampling Emphasis: Equine	Percent Passed: Violations:	
WOODFORD FEED CO, VERSAILLES, KY Samples 15 Passed 14 Tests 102 Passed 101 Sampling Emphasis: Equine, Custom Mix	Percent Passed: Violations:	93% 1 Vitamin A
WRIGLEY 7-711 INC, WRIGLEY, KY Samples 9 Passed 7 Tests 44 Passed 42 Sampling Emphasis: Custom Mix, Beef, Go	Percent Passed: Violations: bat, Corn Products	78% 2 Protein
WORLDWISE INC, SAN RAFAEL, CA Samples 1 Passed 1 Tests 5 Passed 5 Sampling Emphasis: Speciality Dog or Cat	Percent Passed: Violations:	
WYSONG CORP, MIDLAND, MI Samples 3 Passed 3 Tests 36 Passed 36 Sampling Emphasis: Dry Dog & Cat Food	Percent Passed: Violations:	

RAY M YODER FEED MILL, MARION, KY Samples 2 Passed 2 Tests 10 Passed 10 Sampling Emphasis: Poultry, Beef

Percent Passed: 100% Violations: None

- YODERS FEED & SUPPLY, RUSSELLVILLE, KY Samples 3 Passed 3 Percent Passed: 100% Tests 25 Passed 25 Violations: None Sampling Emphasis: Micc Complete Sampling Emphasis: Misc. Complete

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